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NEWS	4	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	5	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	6	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	7	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	8	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	9	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	10	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	11	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	12	JUN 25	CA/CAPplus and USPAT databases updated with IPC reclassification data
NEWS	13	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	14	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS	15	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS	16	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS	17	JUL 28	CA/CAPplus patent coverage enhanced
NEWS	18	JUL 28	EPFULL enhanced with additional legal status information from the epline Register
NEWS	19	JUL 28	IFICDB, IFIPAT, and IFIUIDB reloaded with enhancements
NEWS	20	JUL 28	STN Viewer performance improved
NEWS	21	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	22	AUG 13	CA/CAPplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	23	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	24	AUG 15	CAPplus currency for Korean patents enhanced
NEWS	25	AUG 25	CA/CAPplus, CASREACT, and IFI and USPAT databases enhanced for more flexible patent number searching
NEWS	26	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:34:47 ON 03 SEP 2008

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
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STRUCTURE FILE UPDATES: 2 SEP 2008 HIGHEST RN 1045894-64-1
DICTIONARY FILE UPDATES: 2 SEP 2008 HIGHEST RN 1045894-64-1

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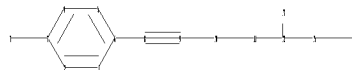
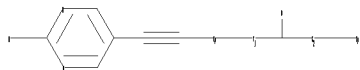
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=>
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7 8 9 10 11 12 13 15 17
ring nodes :
1 2 3 4 5 6
chain bonds :
3-7 6-8 8-9 9-10 10-11 11-12 12-13 12-15 15-17
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
3-7 9-10 10-11 11-12 12-13 12-15 15-17
exact bonds :
6-8 8-9
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

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G1:C,N

G2:C,O,N

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom
11:CLASS 12:CLASS 13:CLASS 15:CLASS 17:Atom
Generic attributes :
10:
Saturation           : Unsaturated
Type of Ring System : Monocyclic
17:
Saturation           : Unsaturated
Type of Ring System : Monocyclic

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L1 STRUCTURE UPLOADED

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SAMPLE SEARCH INITIATED 14:35:15 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 108 TO ITERATE

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100.0% PROCESSED 108 ITERATIONS 9 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1537 TO 2783
PROJECTED ANSWERS: 9 TO 360

L2 9 SEA SSS SAM L1

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FULL SCREEN SEARCH COMPLETED - 1944 TO ITERATE

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SEARCH TIME: 00.00.01

L3 166 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 178.36 178.57

FILE 'CAPLUS' ENTERED AT 14:35:34 ON 03 SEP 2008
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FILE COVERS 1907 - 3 Sep 2008 VOL 149 ISS 10
FILE LAST UPDATED: 2 Sep 2008 (20080902/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l3
L4 3 L3

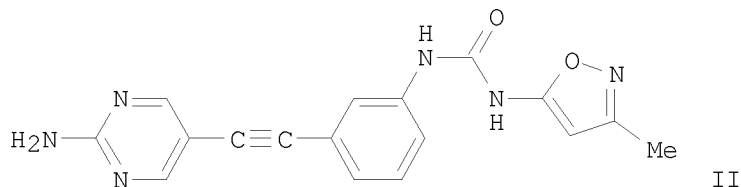
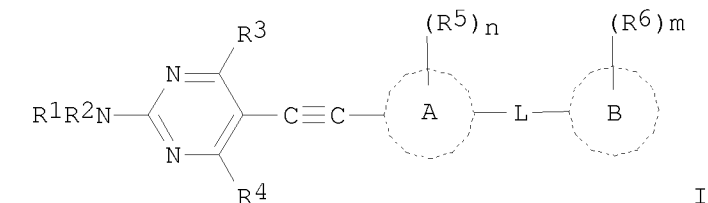
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L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:588668 CAPLUS
DOCUMENT NUMBER: 143:115557
TITLE: Preparation of 2-aminopyrimidine derivatives as inhibitors of Tie2 receptor tyrosine kinases

INVENTOR(S): Jones, Clifford David; Luke, Richard William Arthur; McCoull, William
 PATENT ASSIGNEE(S): Astrazeneca AB, Swed.; Astrazeneca UK Limited
 SOURCE: PCT Int. Appl., 178 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005060970	A1	20050707	WO 2004-GB5337	20041220
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1737463	A1	20070103	EP 2004-806139	20041220
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR			
CN 1917879	A	20070221	CN 2004-80041901	20041220
JP 2007517007	T	20070628	JP 2006-546306	20041220
US 20080108608	A1	20080508	US 2006-596745	20060622
IN 2006MN00846	A	20070608	IN 2006-MN846	20060717
PRIORITY APPLN. INFO.:			GB 2003-30000	A 20031224
			GB 2004-16849	A 20040729
			WO 2004-GB5337	W 20041220

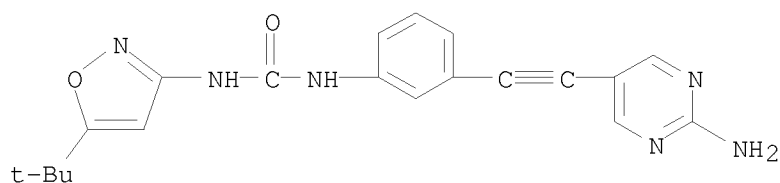
OTHER SOURCE(S): MARPAT 143:115557
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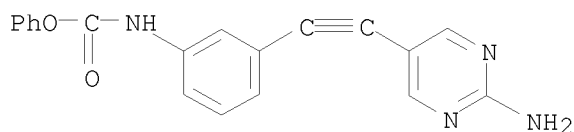
AB Title compds. I [wherein R1, R2 = H, alkyl, alkanoyl; R3, R4 = H, alkyl, alkoxy; R5 = cyclopropyl, halo, cyano; m, n = 0-3; R6 = halo, oxo, cyano; etc., or salts thereof] were prepared as inhibitors of Tie2 receptor tyrosine kinases. Processes for the synthesis of I and some intermediates involved are claimed. For example, 2-amino-5-iodopyrimidine underwent Pd-catalyzed coupling with 3-ethynylaniline in the presence of CuI. The resultant substituted aniline was condensed with a carbamate, which was

obtained from Ph chloroformate and 5-amino-3-methylisoxazole, to give urea II. This compound showed inhibition against Tie2 receptor tyrosine kinase in vitro and inhibition of autophosphorylation of Tie2 receptor tyrosine kinase with IC50 values of 19.871 μ M and 0.337 μ M, resp. Therefore, I and their pharmaceutical compns. have potential use in the production of an anti-angiogenic effect in a warm-blooded animal.

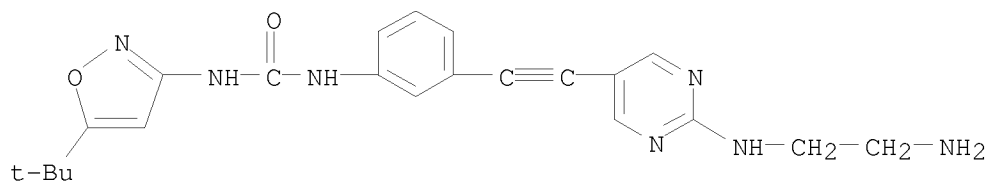
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 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (inhibitor; preparation of pyrimidine derivs. as inhibitors of Tie2 receptor tyrosine kinases)
 RN 857265-16-8 CAPLUS
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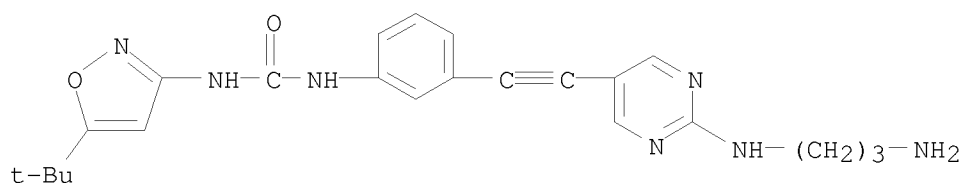
- RN 857265-17-9 CAPLUS
 CN Carbamic acid, [3-[(2-amino-5-pyrimidinyl)ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



- RN 857265-31-7 CAPLUS
 CN Urea, N-[3-[2-[2-[(2-aminoethyl)amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)

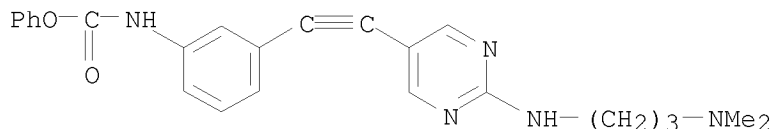


- RN 857265-32-8 CAPLUS
 CN Urea, N-[3-[2-[2-[(3-aminopropyl)amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



RN 857266-46-7 CAPLUS

CN Carbamic acid, [3-[[2-[[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



IT 857264-91-6P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-[2-fluoro-5-(trifluoromethyl)phenyl]urea 857264-93-8P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-[2-(trifluoromethyl)phenyl]urea 857264-94-9P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-[4-(trifluoromethyl)phenyl]urea 857264-95-0P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2-fluorophenyl)urea 857264-96-1P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-fluorophenyl)urea 857264-97-2P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(4-fluorophenyl)urea 857264-98-3P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methoxyphenyl)urea 857264-99-4P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2,5-difluorophenyl)urea 857265-01-1P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-[3-(trifluoromethyl)phenyl]urea 857265-02-2P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2-methoxyphenyl)urea 857265-03-3P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(4-methoxyphenyl)urea 857265-04-4P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3,4-difluorophenyl)urea 857265-05-5P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-cyanophenyl)urea 857265-06-6P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-chlorophenyl)urea 857265-08-8P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3,5-difluorophenyl)urea 857265-09-9P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-tert-butyl-1,3,4-thiadiazol-2-yl)urea 857265-13-5P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methylisoxazol-5-yl)urea 857265-14-6P, N-[3-[[[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]amino]carbonyl]amino]phenyl]acetamide 857265-15-7P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-[4-(trifluoromethyl)pyridin-2-yl]urea 857265-18-0P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2-oxopiperidin-3-yl)urea 857265-19-1P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-(methylamino)pyrimidin-5-yl]ethynyl]phenyl]urea 857265-22-6P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-(dimethylamino)pyrimidin-5-yl]ethynyl]phenyl]urea 857265-23-7P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-24-8P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(morpholin-4-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-25-9P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[(2-methoxyethyl)amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-26-0P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(1H-imidazol-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-27-1P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[(3-methoxypropyl)amino]pyrimidin-5-yl]ethynyl]phenyl]urea

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N-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-N'-[4-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-70-4P,
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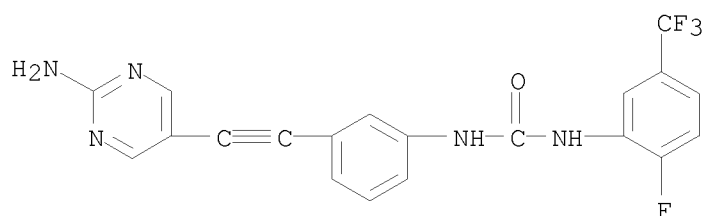
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 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(inhibitor; preparation of pyrimidine derivs. as inhibitors of Tie2 receptor tyrosine kinases)

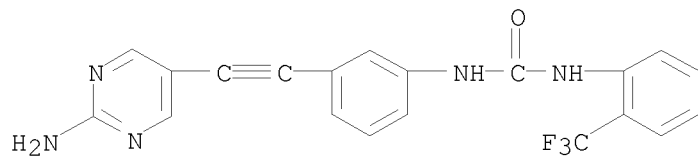
RN 857264-91-6 CAPLUS

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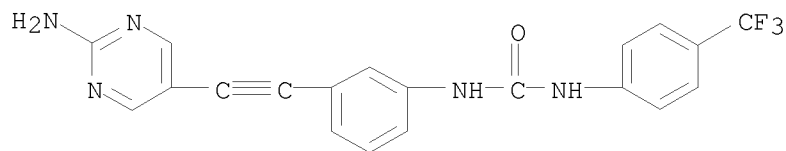
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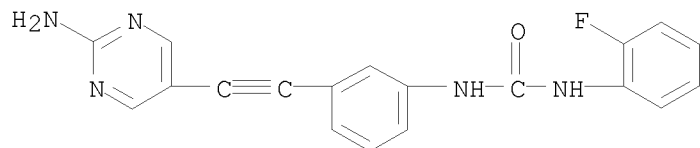


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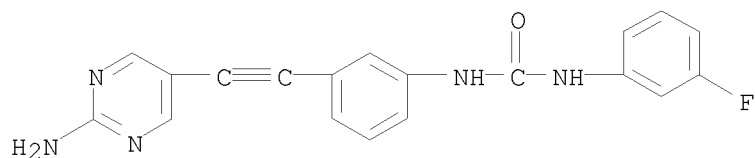
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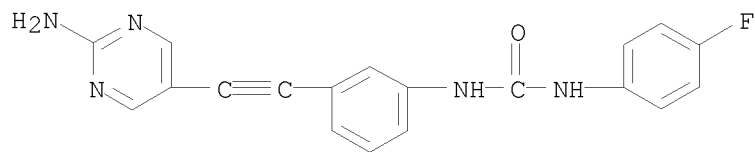
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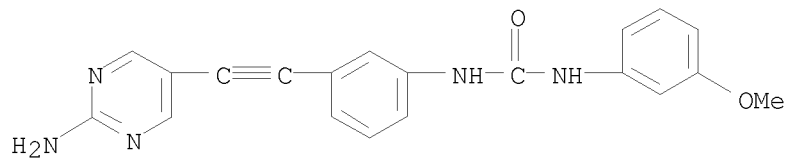
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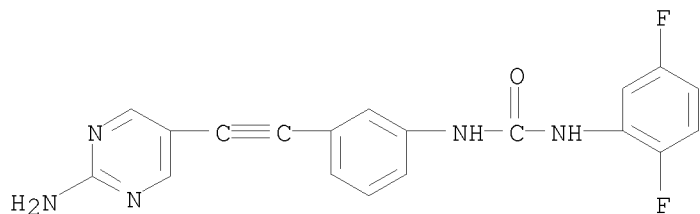
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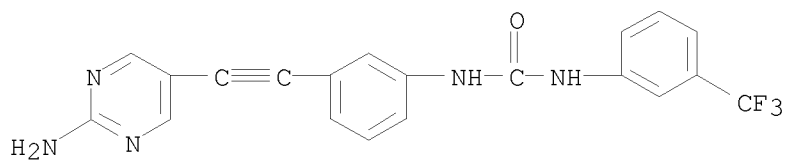


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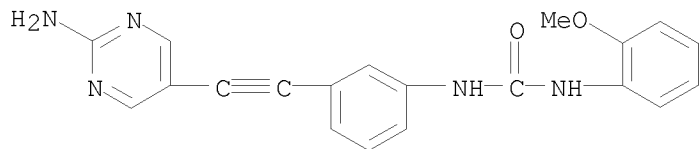
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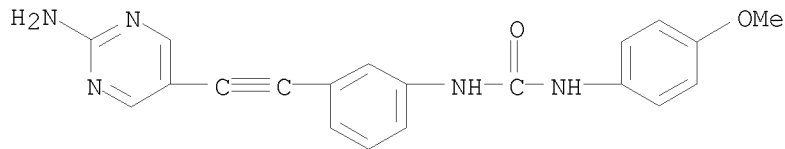
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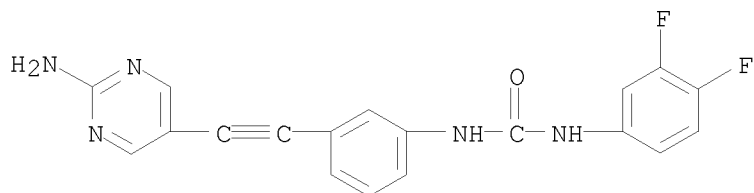
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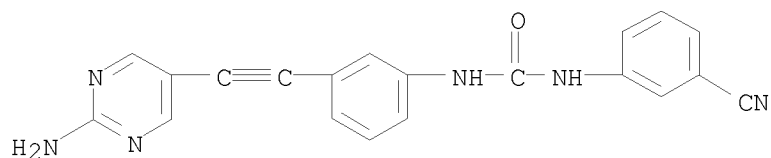


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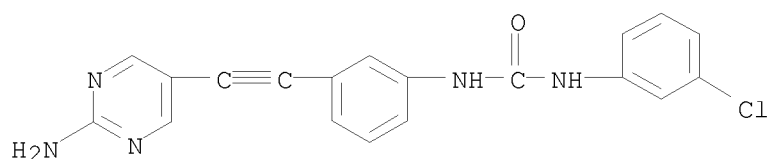
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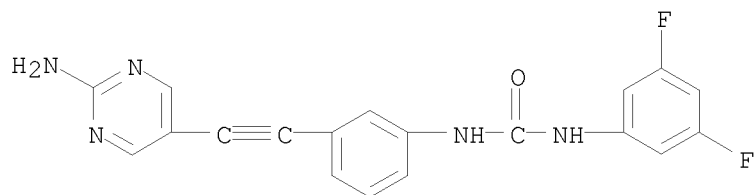
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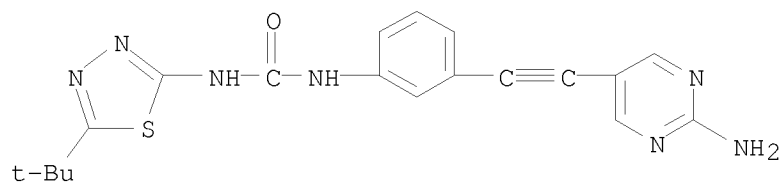
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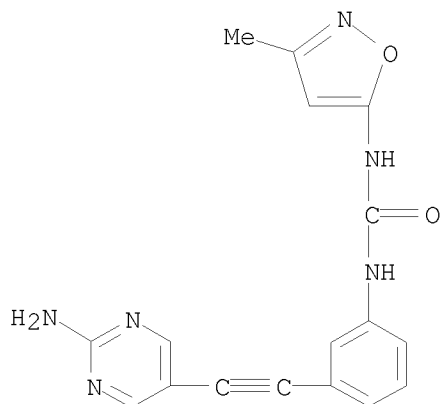
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RN 857265-09-9 CAPLUS
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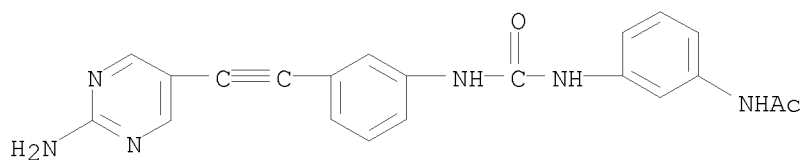


RN 857265-13-5 CAPLUS
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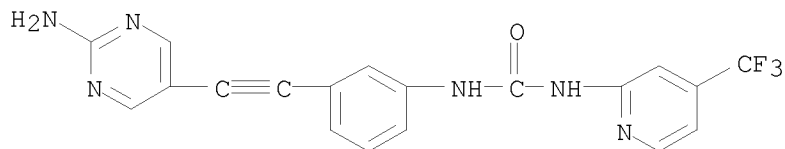
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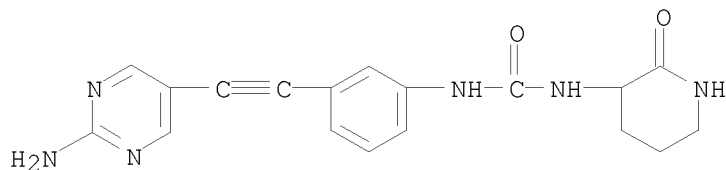
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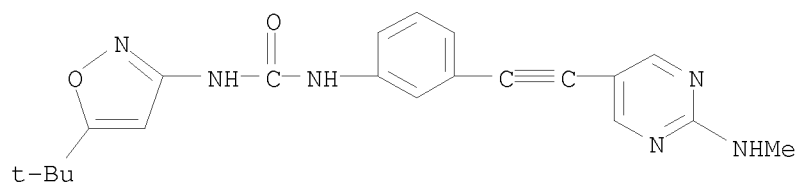
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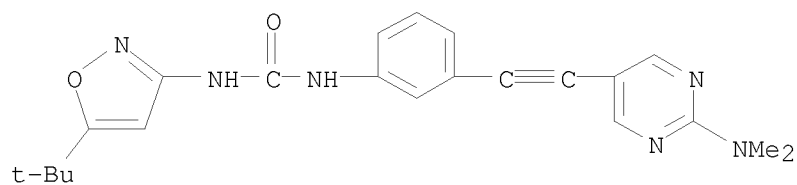
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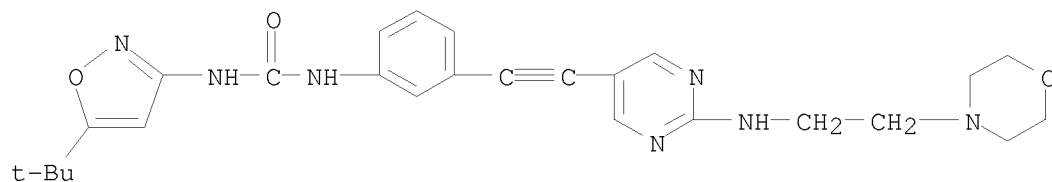
RN 857265-22-6 CAPLUS

CN Urea, N-[3-[2-[2-(dimethylamino)-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



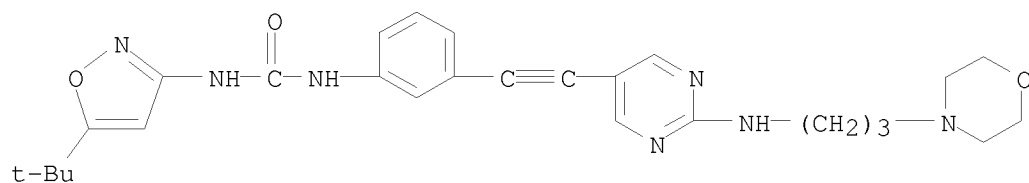
RN 857265-23-7 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



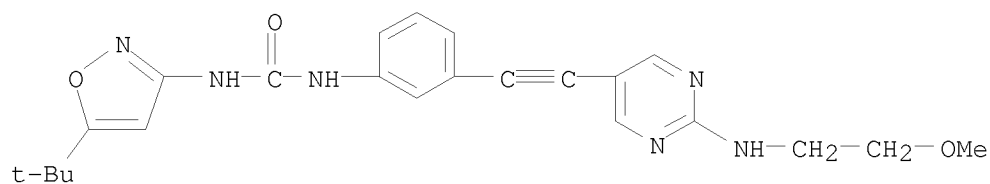
RN 857265-24-8 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



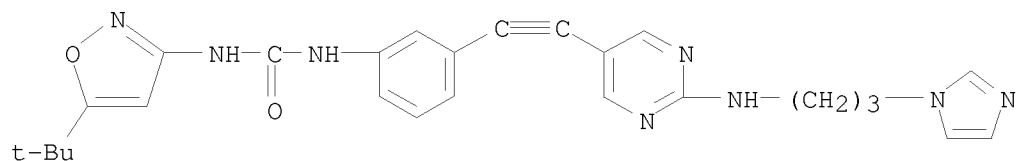
RN 857265-25-9 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[(2-methoxyethyl)amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



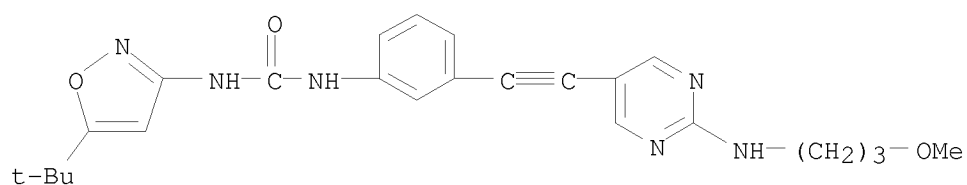
RN 857265-26-0 CAPLUS

RN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(1H-imidazol-1-yl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



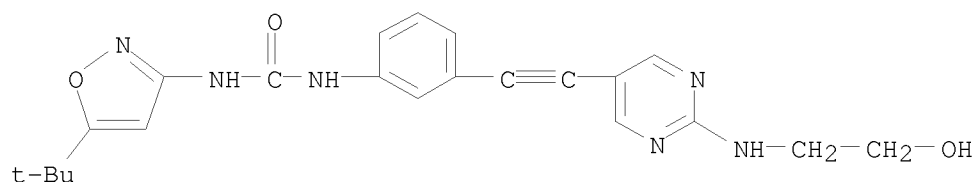
RN 857265-27-1 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[(3-methoxypropyl)amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



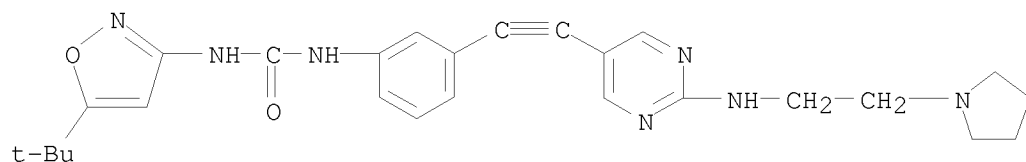
RN 857265-28-2 CAPLUS

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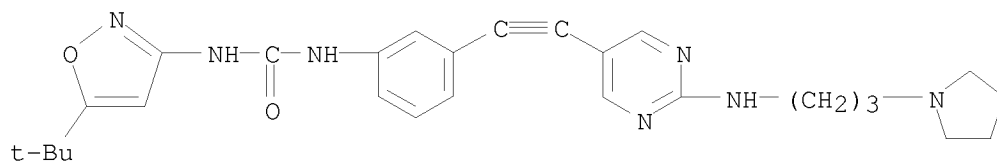
RN 857265-29-3 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

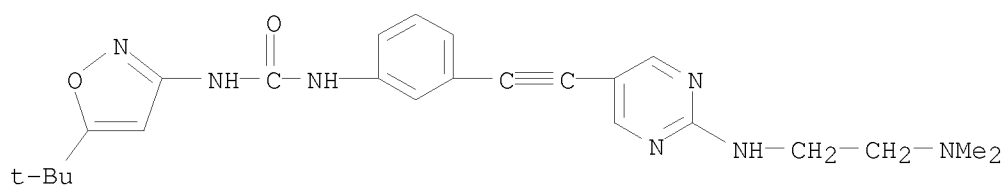


RN 857265-30-6 CAPLUS

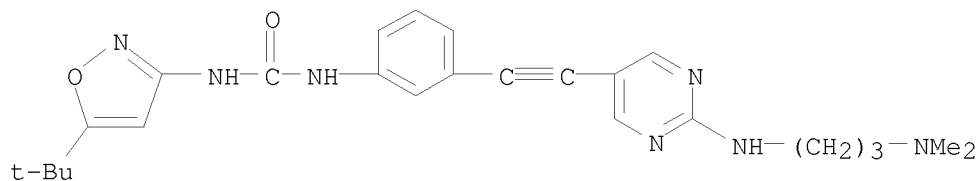
CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(1-pyrrolidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



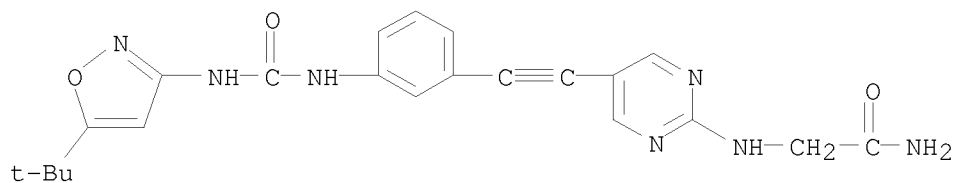
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 CN Urea, N-[3-[2-[2-[2-(dimethylamino)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



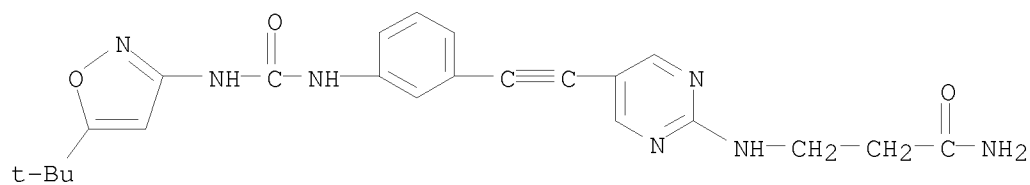
RN 857265-34-0 CAPLUS
 CN Urea, N-[3-[2-[2-[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



RN 857265-35-1 CAPLUS
 CN Acetamide, 2-[[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-pyrimidinyl]amino]- (CA INDEX NAME)

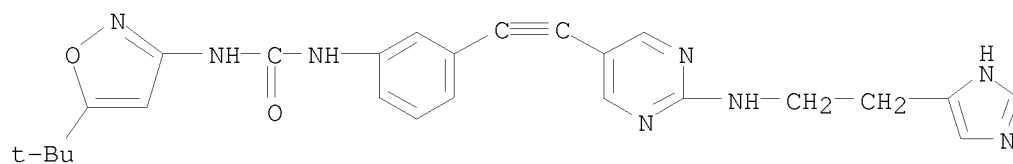


RN 857265-36-2 CAPLUS
 CN Propanamide, 3-[[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-pyrimidinyl]amino]- (CA INDEX NAME)



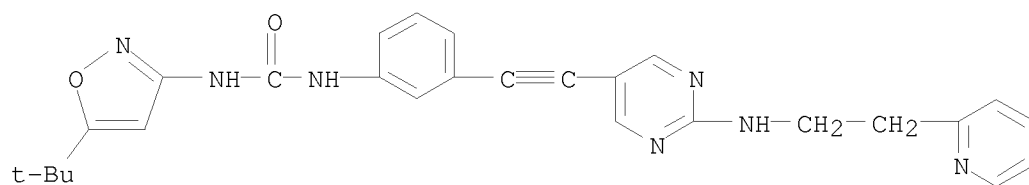
RN 857265-37-3 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(1H-imidazol-5-yl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



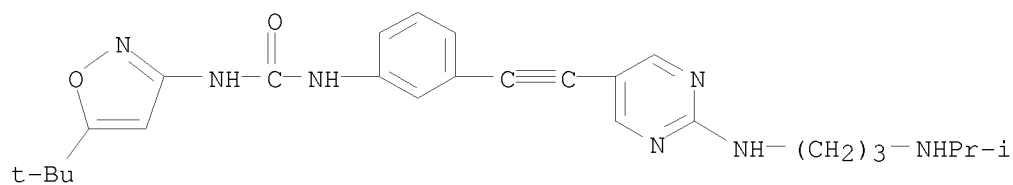
RN 857265-38-4 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(2-pyridinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857265-39-5 CAPLUS

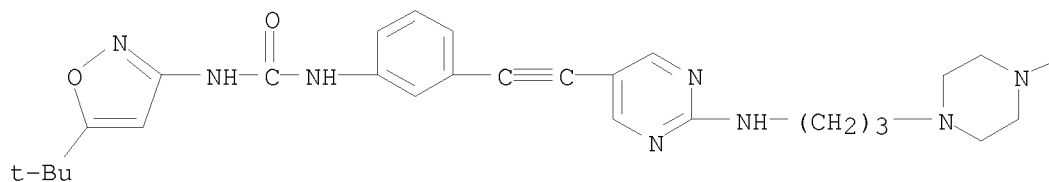
CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(1-methylethyl)amino]propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857265-40-8 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(4-methyl-1-piperazinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

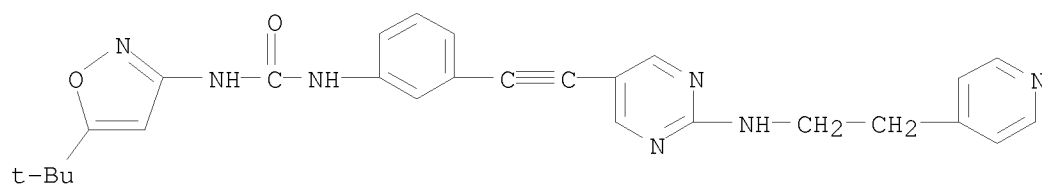
PAGE 1-A



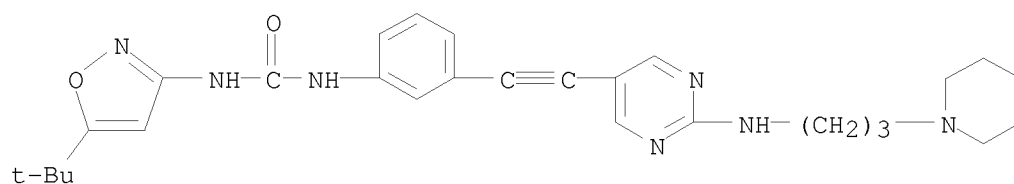
PAGE 1-B

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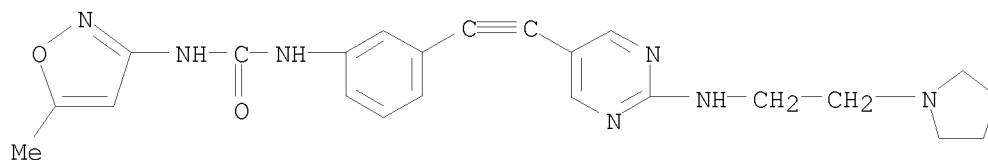
RN 857265-41-9 CAPLUS
 CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(4-pyridinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



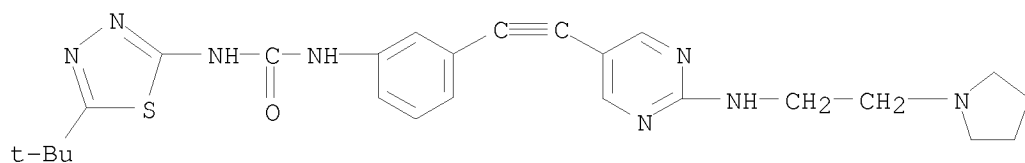
RN 857265-42-0 CAPLUS
 CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857265-43-1 CAPLUS
 CN Urea, N-(5-methyl-3-isoxazolyl)-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

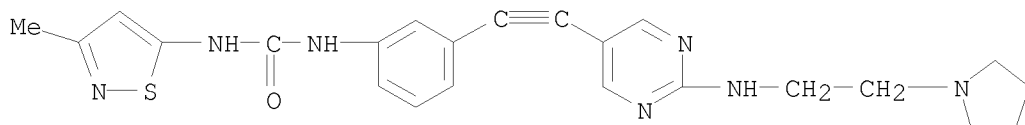


RN 857265-47-5 CAPLUS
 CN Urea, N-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



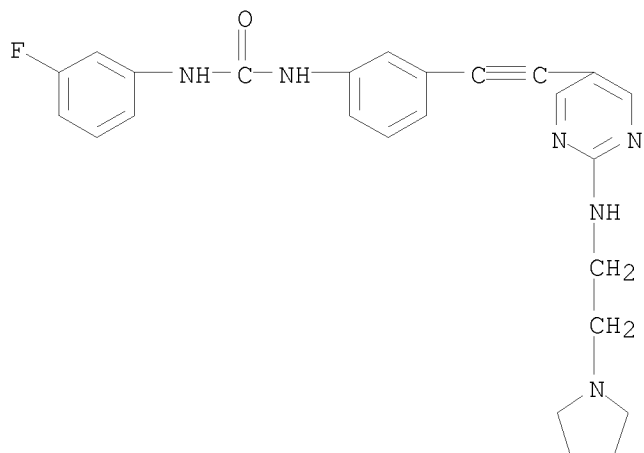
RN 857265-48-6 CAPLUS

CN Urea, N-(3-methyl-5-isothiazolyl)-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



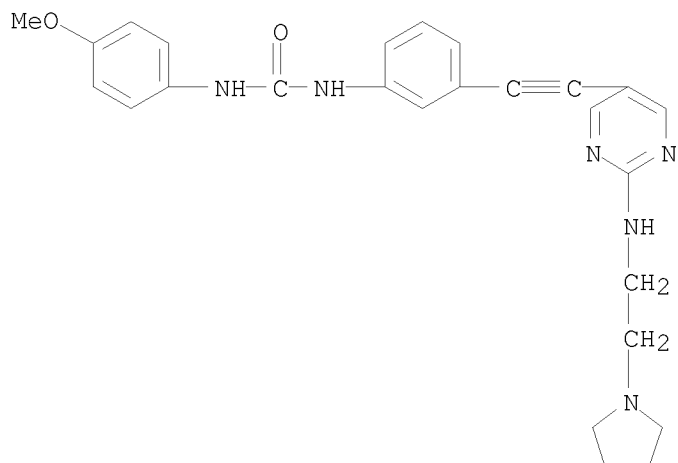
RN 857265-49-7 CAPLUS

CN Urea, N-(3-fluorophenyl)-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



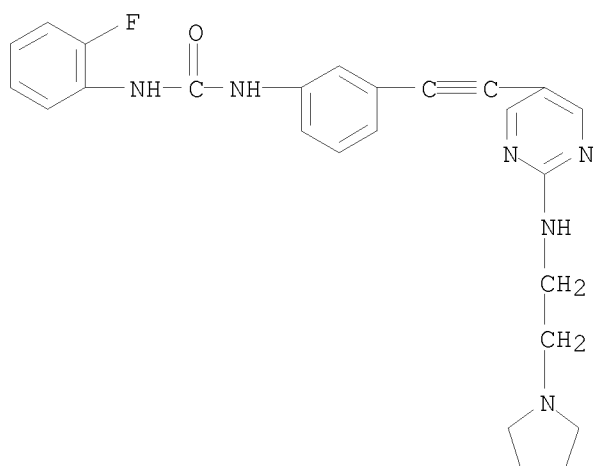
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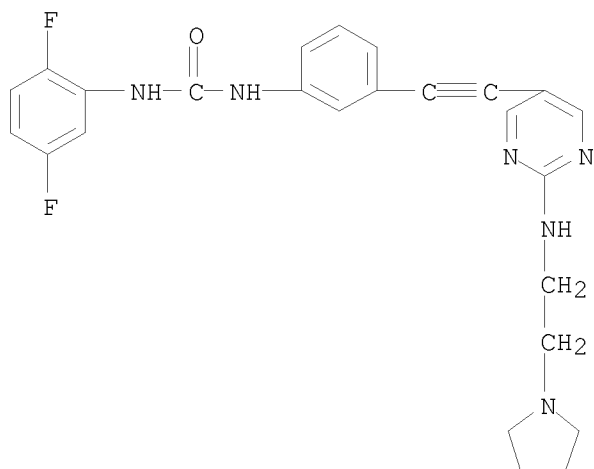
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CN Urea, N-(2-fluorophenyl)-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



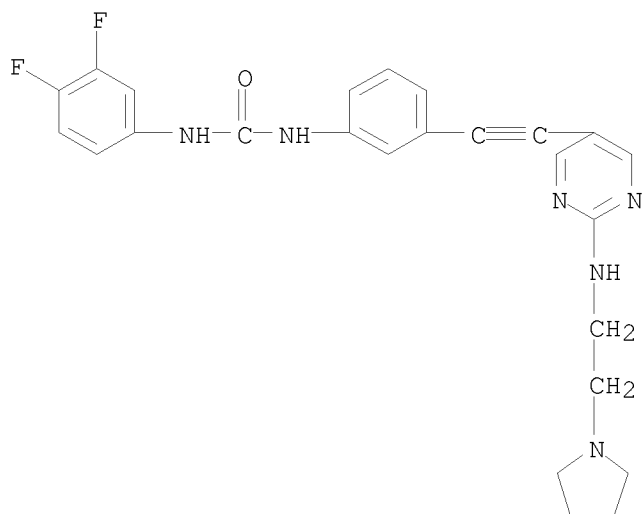
RN 857265-52-2 CAPLUS

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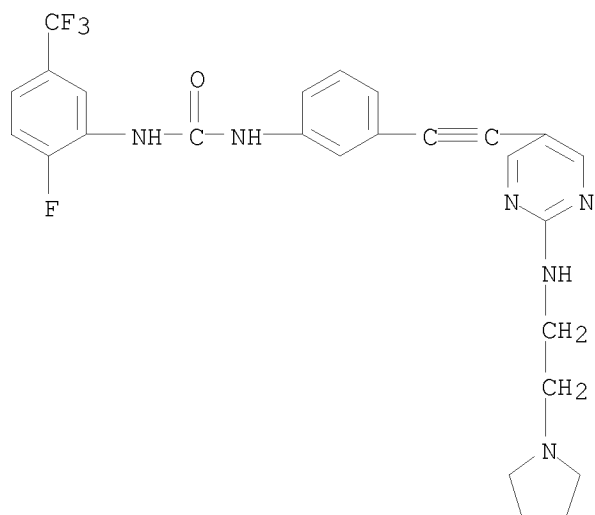
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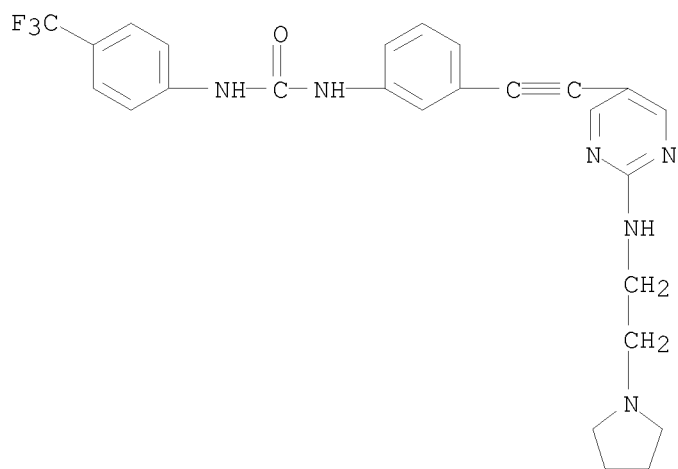
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CN Urea, N-[2-fluoro-5-(trifluoromethyl)phenyl]-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



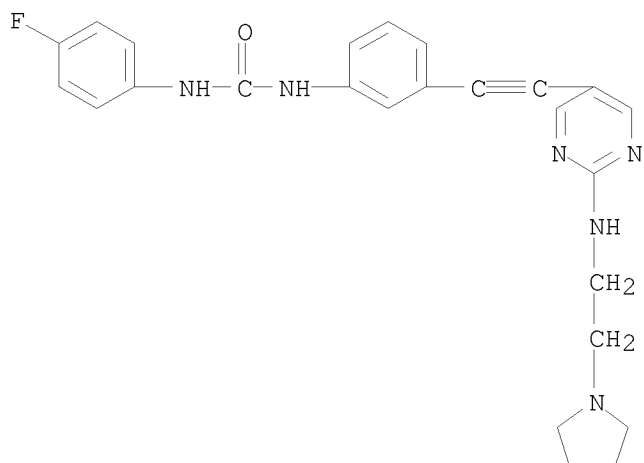
RN 857265-55-5 CAPLUS

CN Urea, N-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



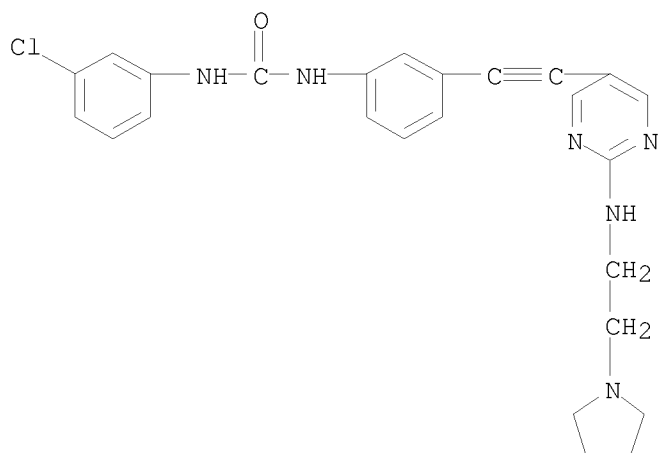
RN 857265-57-7 CAPLUS

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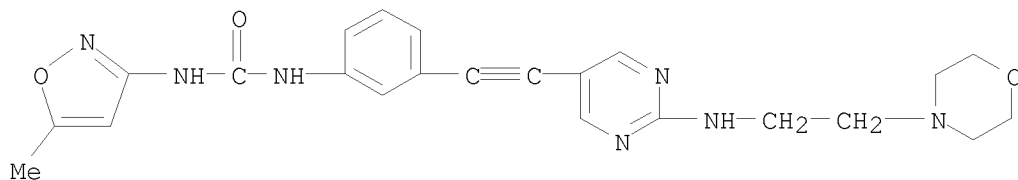
RN 857265-58-8 CAPLUS

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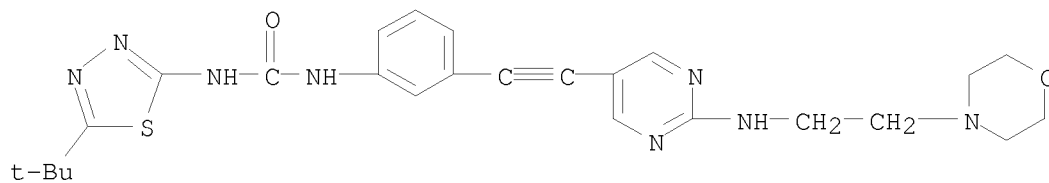
RN 857265-59-9 CAPLUS

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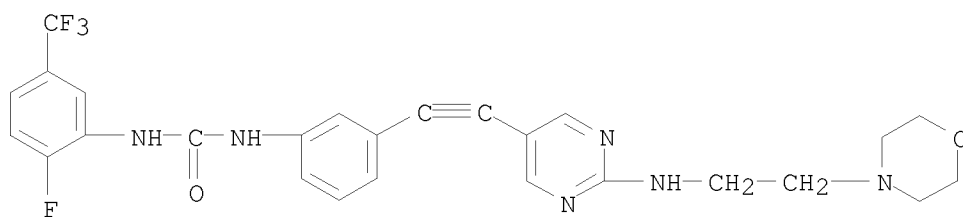
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CN Urea, N-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-N'-[3-[2-[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



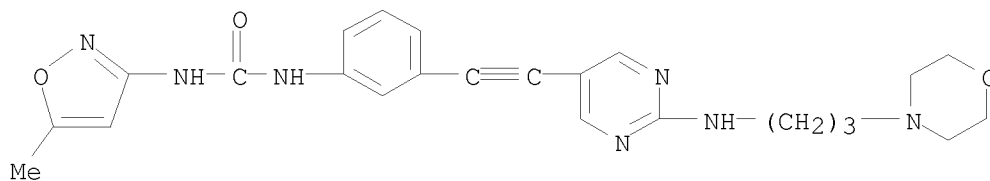
RN 857265-61-3 CAPLUS

CN Urea, N-[2-fluoro-5-(trifluoromethyl)phenyl]-N'-[3-[2-[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



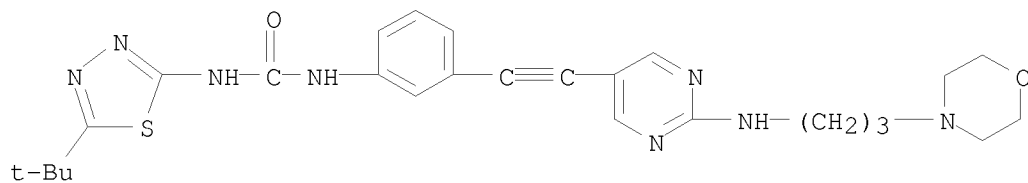
RN 857265-62-4 CAPLUS

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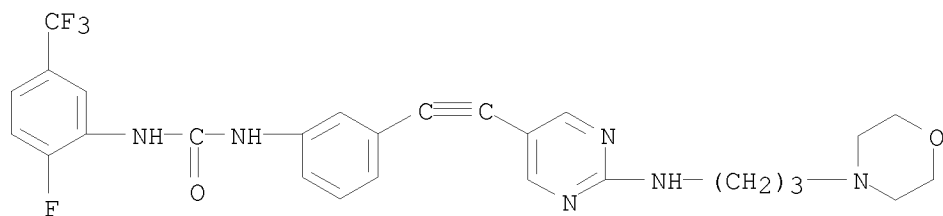
RN 857265-63-5 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



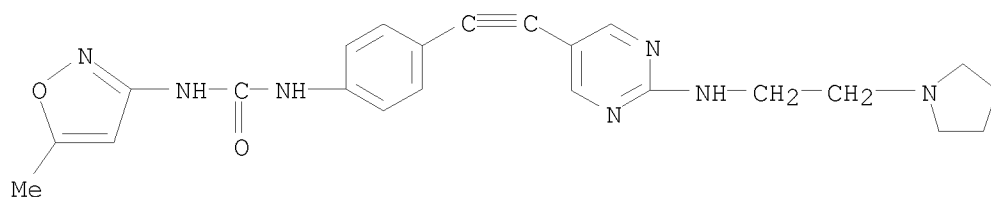
RN 857265-64-6 CAPLUS

CN Urea, N-[2-fluoro-5-(trifluoromethyl)phenyl]-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



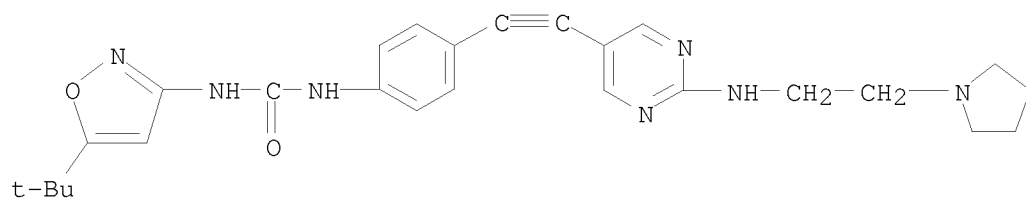
RN 857265-65-7 CAPLUS

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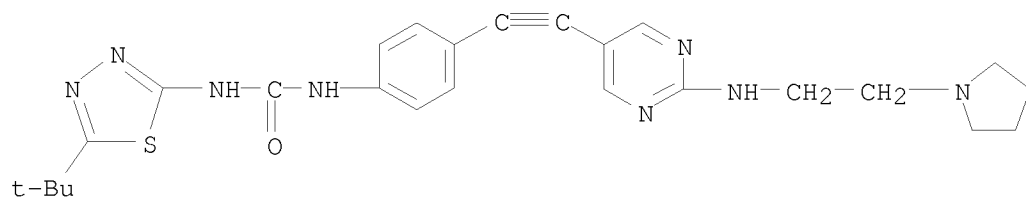
RN 857265-68-0 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[4-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



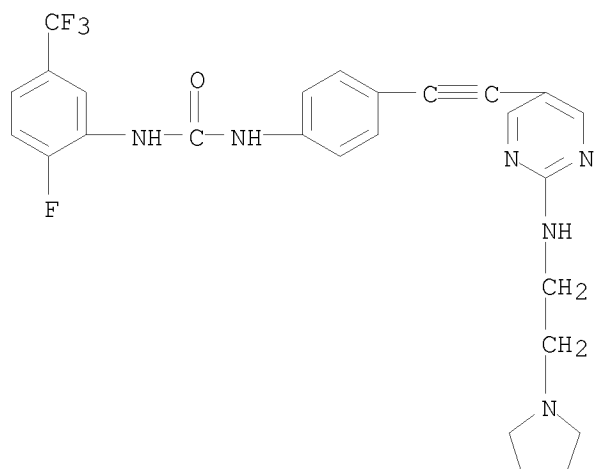
RN 857265-69-1 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-N'-[4-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857265-70-4 CAPLUS

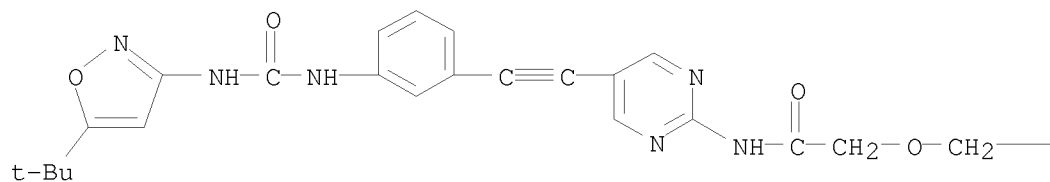
CN Urea, N-[2-fluoro-5-(trifluoromethyl)phenyl]-N'-[4-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857265-71-5 CAPLUS

CN Acetamide, N-[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-pyrimidinyl]-2-(2-methoxyethoxy)- (CA INDEX NAME)

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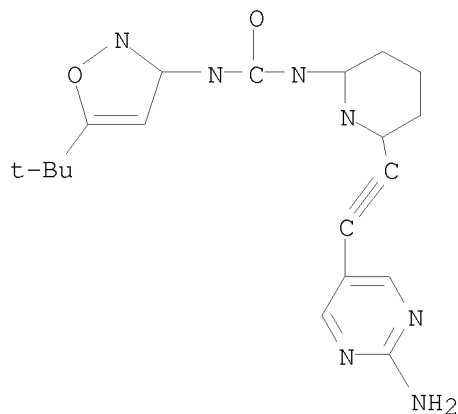


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RN 857265-72-6 CAPLUS

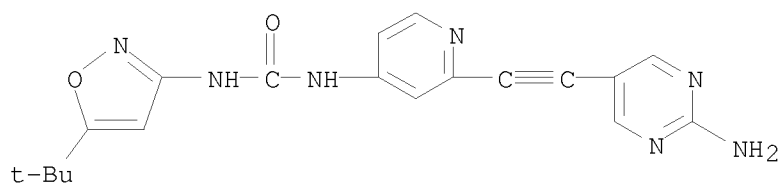
CN Urea, N-[6-[2-(2-amino-5-pyrimidinyl)ethynyl]-2-pyridinyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

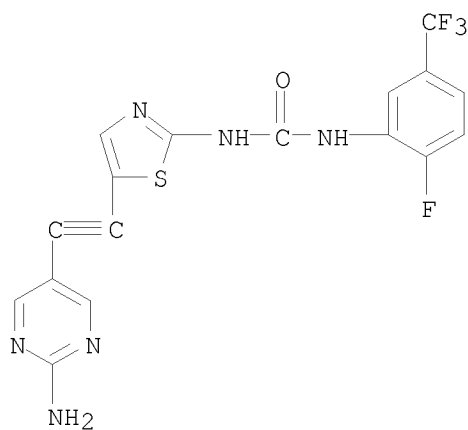
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CN Urea, N-[2-[2-(2-amino-5-pyrimidinyl)ethynyl]-4-pyridinyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



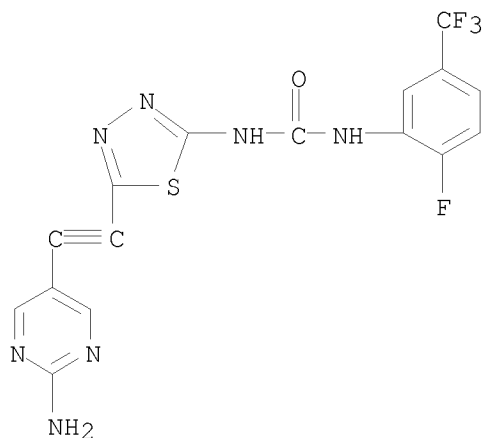
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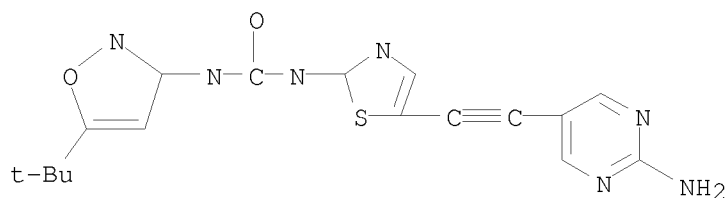
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CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-1,3,4-thiadiazol-2-yl]-N'-[2-fluoro-5-(trifluoromethyl)phenyl]- (CA INDEX NAME)



RN 857265-82-8 CAPLUS

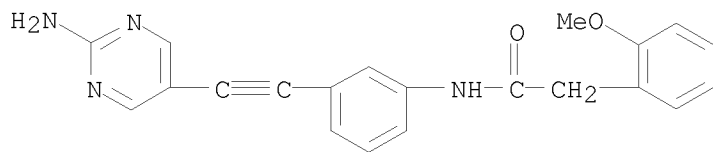
CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-2-thiazolyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

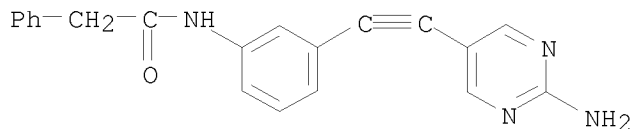
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CN Benzeneacetamide, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-2-methoxy- (CA INDEX NAME)



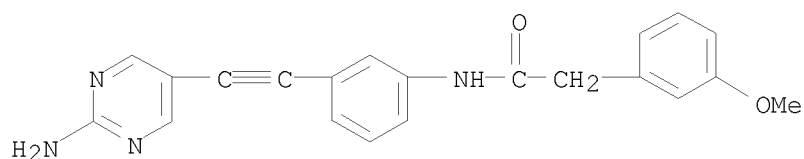
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CN Benzeneacetamide, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]- (CA INDEX NAME)



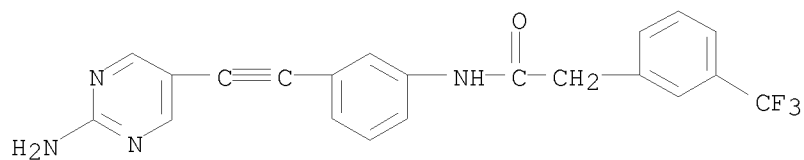
RN 857265-86-2 CAPLUS

CN Benzeneacetamide, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-3-methoxy- (CA INDEX NAME)



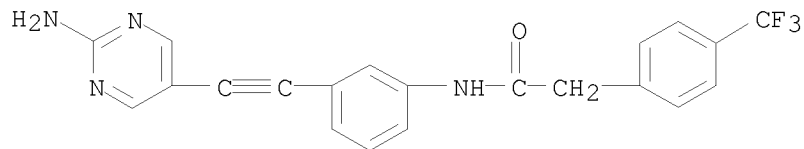
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CN Benzeneacetamide, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-3-(trifluoromethyl)- (CA INDEX NAME)



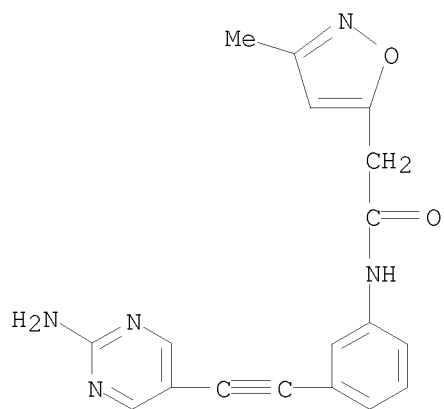
RN 857265-88-4 CAPLUS

CN Benzeneacetamide, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-4-(trifluoromethyl)- (CA INDEX NAME)



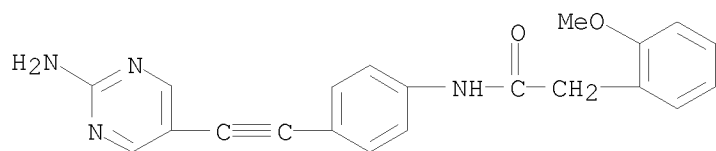
RN 857265-89-5 CAPLUS

CN 5-Isoxazoleacetamide, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-3-methyl- (CA INDEX NAME)



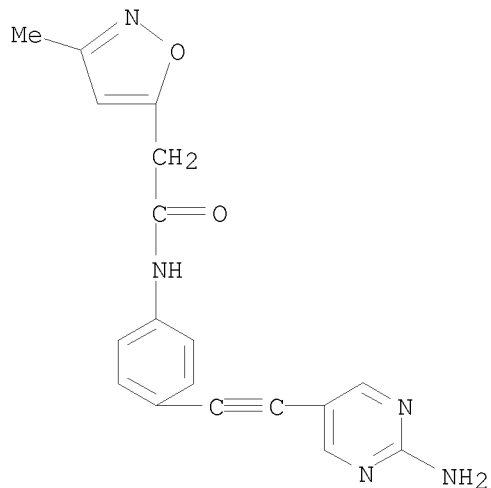
RN 857265-91-9 CAPLUS

CN Benzeneacetamide, N-[4-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-2-methoxy- (CA INDEX NAME)



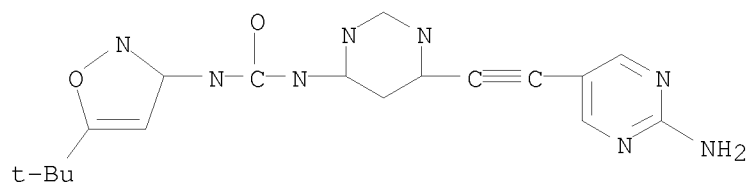
RN 857265-92-0 CAPLUS

CN 5-Isoxazoleacetamide, N-[4-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-3-methyl- (CA INDEX NAME)



RN 857265-94-2 CAPLUS

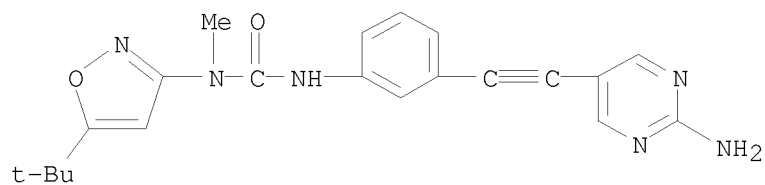
CN Urea, N'-[6-[2-(2-amino-5-pyrimidinyl)ethynyl]-4-pyrimidinyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

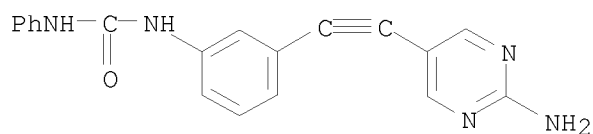
RN 857265-96-4 CAPLUS

CN Urea, N'-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl- (CA INDEX NAME)



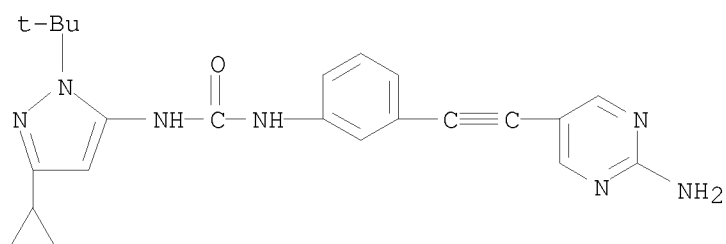
RN 857265-97-5 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-phenyl- (CA INDEX NAME)



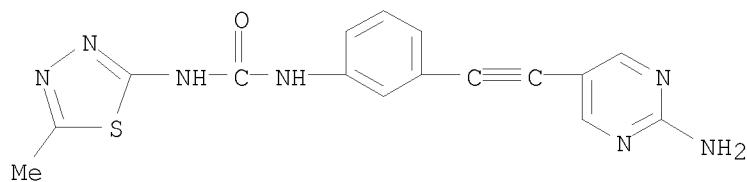
RN 857265-98-6 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[3-cyclopropyl-1-(1,1-dimethylethyl)-1H-pyrazol-5-yl]- (CA INDEX NAME)



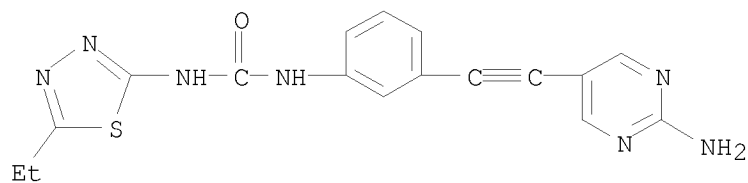
RN 857265-99-7 CAPLUS

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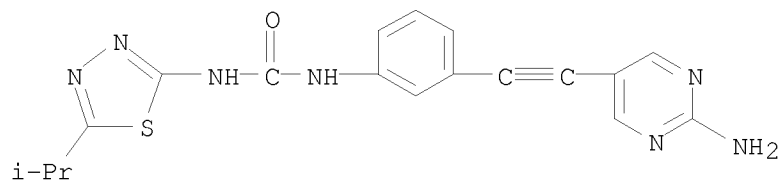
RN 857266-00-3 CAPLUS

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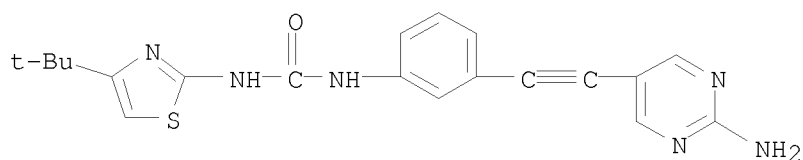
RN 857266-01-4 CAPLUS

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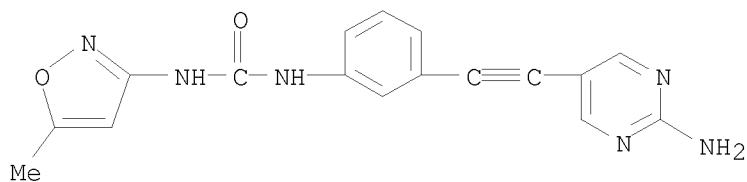
RN 857266-02-5 CAPLUS

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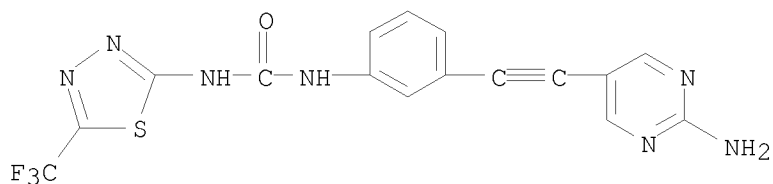
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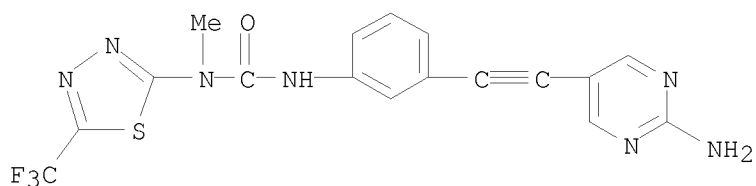
RN 857266-04-7 CAPLUS

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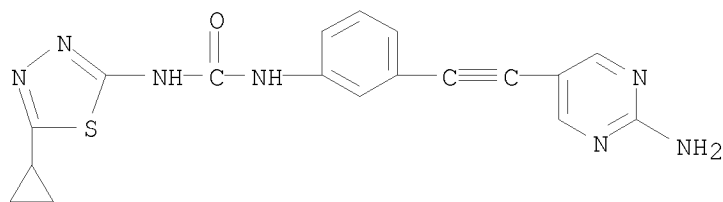


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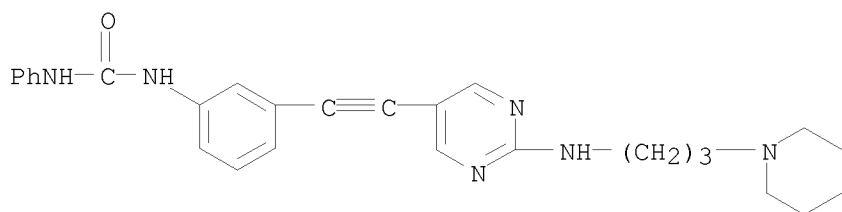
CN Urea, N'-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N-methyl-N-[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]- (CA INDEX NAME)



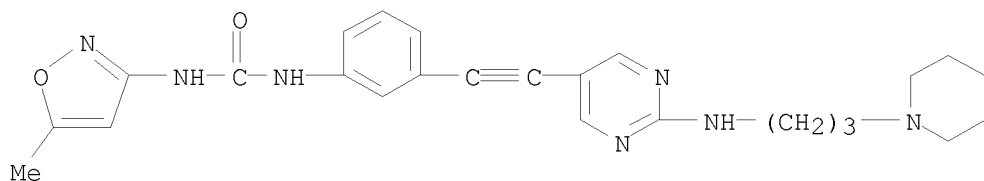
RN 857266-06-9 CAPLUS
 CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-(5-cyclopropyl-1,3,4-thiadiazol-2-yl)- (CA INDEX NAME)



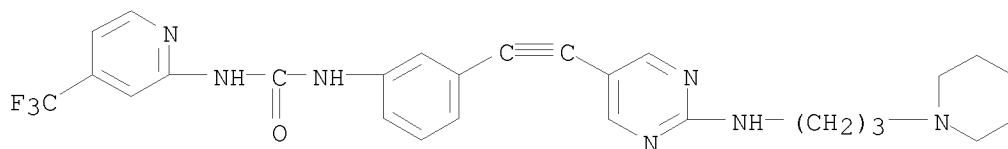
RN 857266-07-0 CAPLUS
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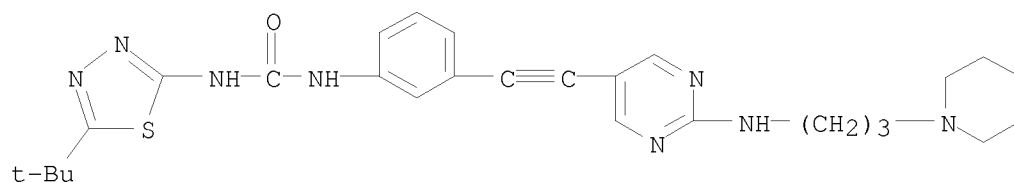
RN 857266-09-2 CAPLUS
 CN Urea, N-(5-methyl-3-isoxazolyl)-N'-[3-[2-[2-[[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857266-10-5 CAPLUS
 CN Urea, N-[3-[2-[2-[[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[4-(trifluoromethyl)-2-pyridinyl]- (CA INDEX NAME)

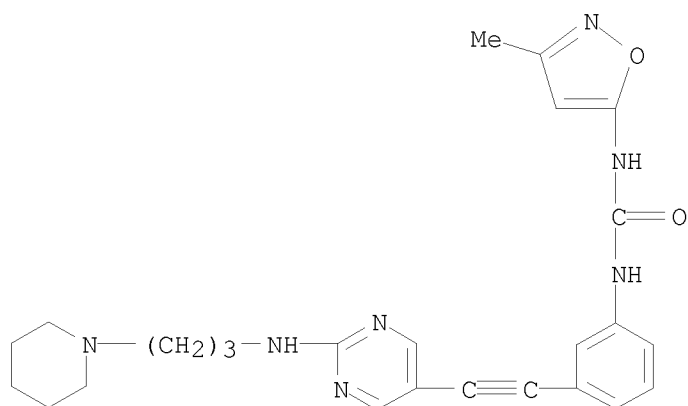


RN 857266-11-6 CAPLUS
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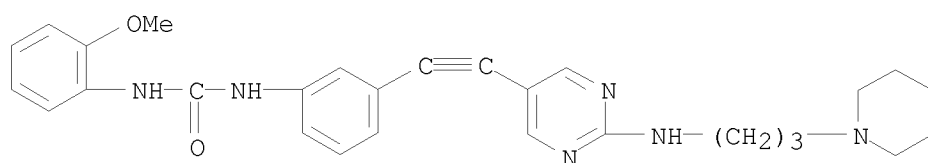
RN 857266-12-7 CAPLUS

CN Urea, N-(3-methyl-5-isoxazolyl)-N'-[3-[2-[2-[[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



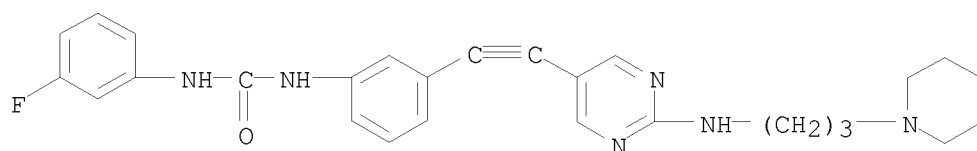
RN 857266-13-8 CAPLUS

CN Urea, N-(2-methoxyphenyl)-N'-[3-[2-[2-[[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



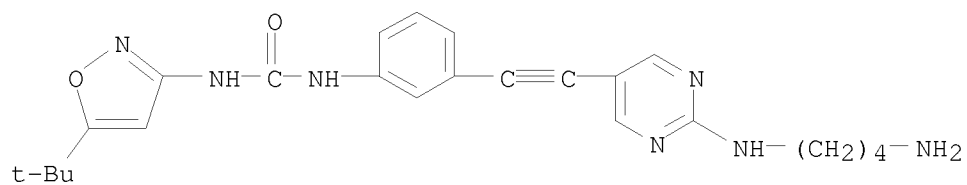
RN 857266-14-9 CAPLUS

CN Urea, N-(3-fluorophenyl)-N'-[3-[2-[2-[[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



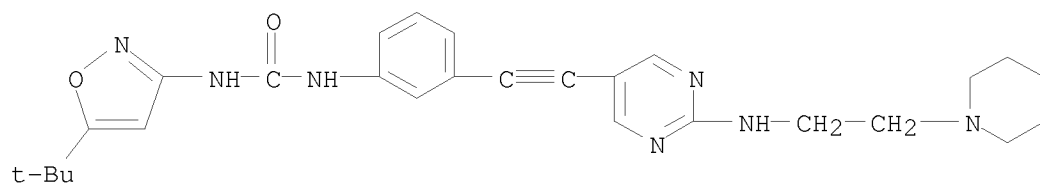
RN 857266-15-0 CAPLUS

CN Urea, N-[3-[2-[2-[[4-aminobutyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



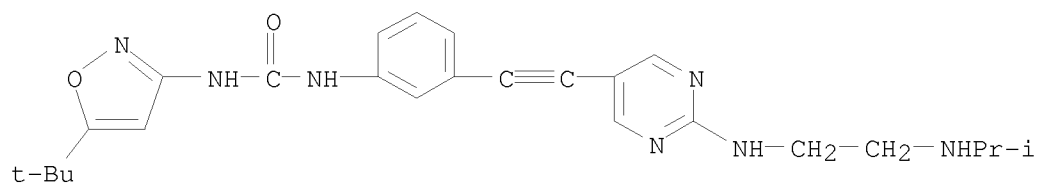
RN 857266-16-1 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(1-piperidiny)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857266-17-2 CAPLUS

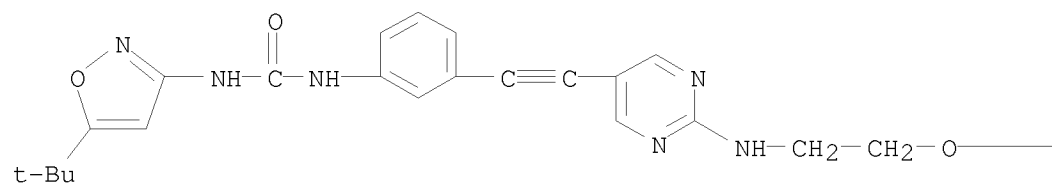
CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(1-methylethyl)amino]ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857266-18-3 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(2-hydroxyethoxy)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

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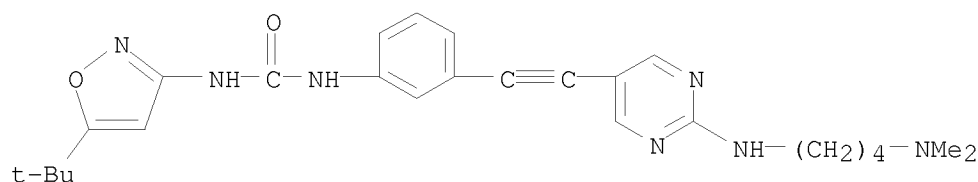


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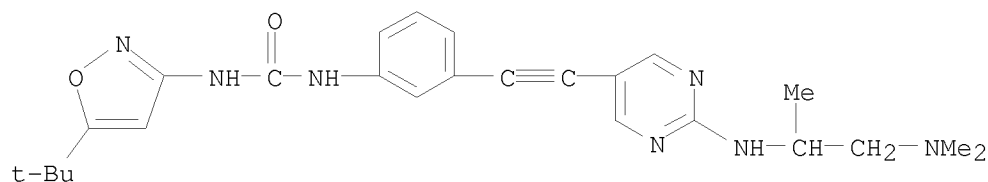
RN 857266-19-4 CAPLUS

CN Urea, N-[3-[2-[2-[[4-(dimethylamino)butyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



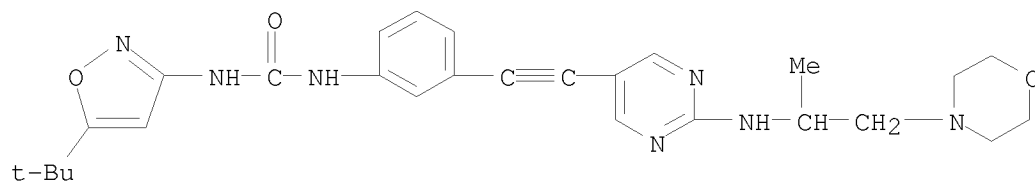
RN 857266-20-7 CAPLUS

CN Urea, N-[3-[2-[2-[[2-(dimethylamino)-1-methylethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



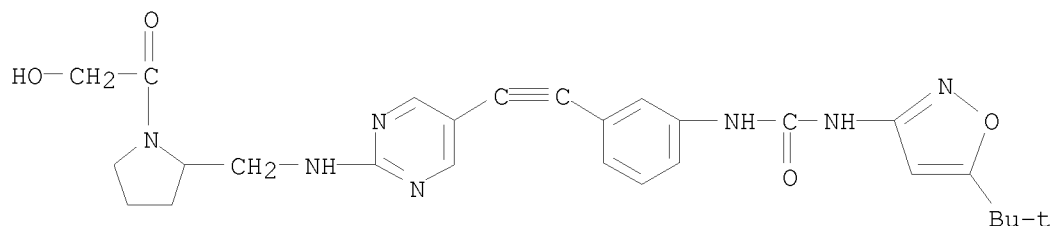
RN 857266-21-8 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[1-methyl-2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857266-22-9 CAPLUS

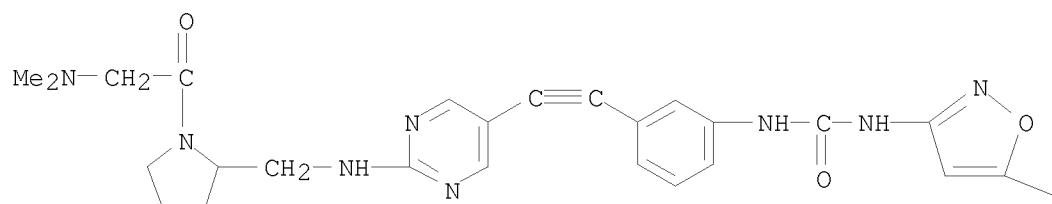
CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[[1-(2-hydroxyacetyl)-2-pyrrolidinyl]methyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



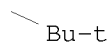
RN 857266-25-2 CAPLUS

CN Urea, N-[3-[2-[2-[[[1-[2-(dimethylamino)acetyl]-2-pyrrolidinyl]methyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)

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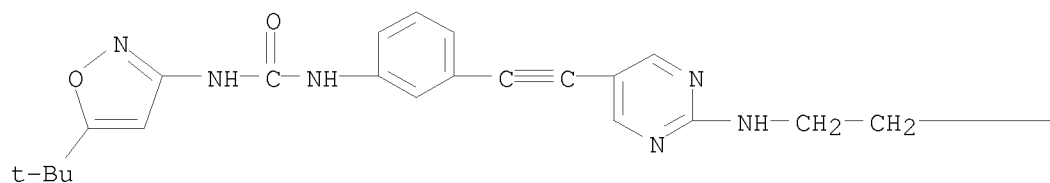


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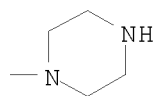


RN 857266-26-3 CAPLUS
 CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(1-piperazinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

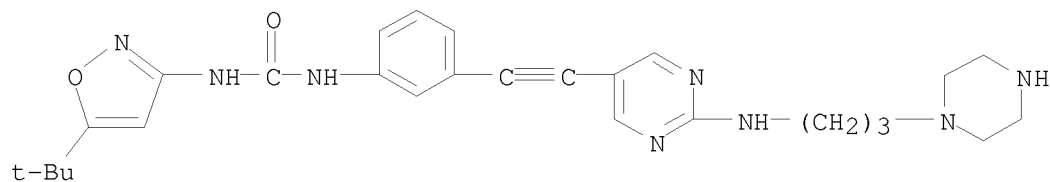
PAGE 1-A



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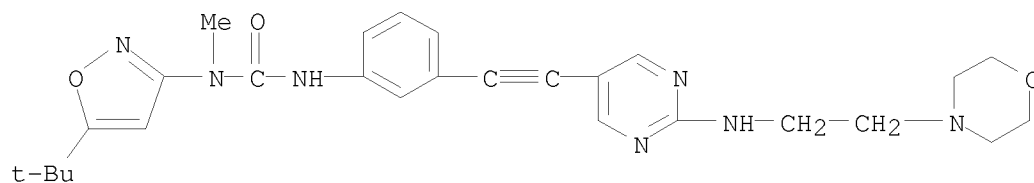


RN 857266-27-4 CAPLUS
 CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(1-piperazinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



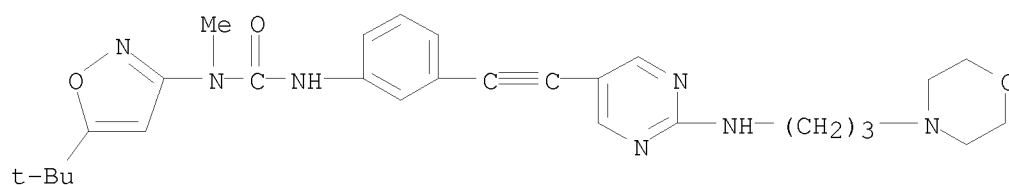
RN 857266-29-6 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl-N'-[3-[2-[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



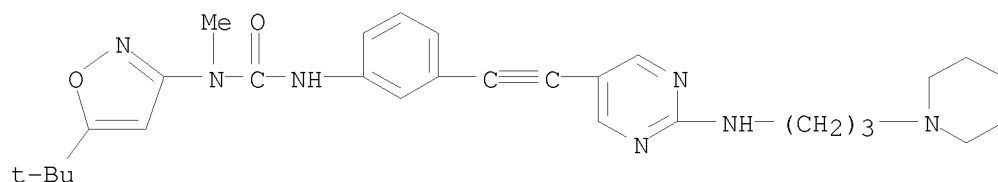
RN 857266-32-1 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



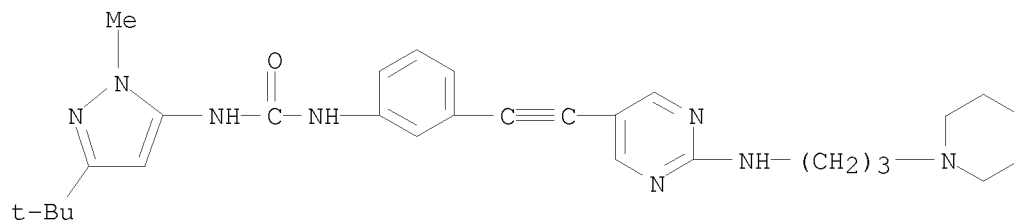
RN 857266-33-2 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl-N'-[3-[2-[2-[[3-(1-piperidiny)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



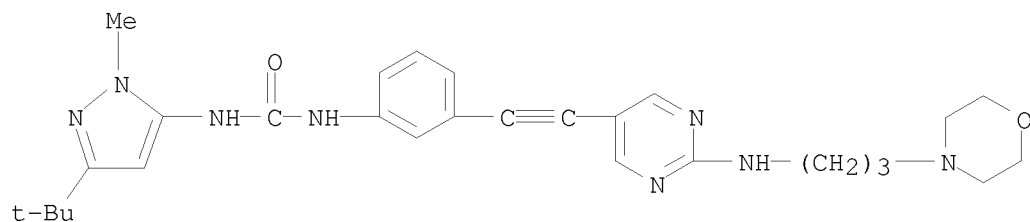
RN 857266-34-3 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]-N'-[3-[2-[2-[[3-(1-piperidiny)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



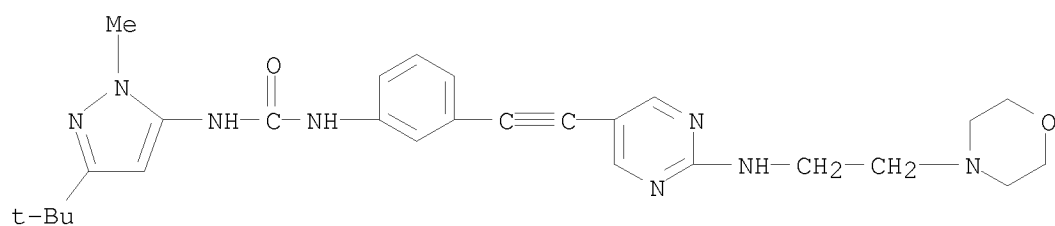
RN 857266-36-5 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



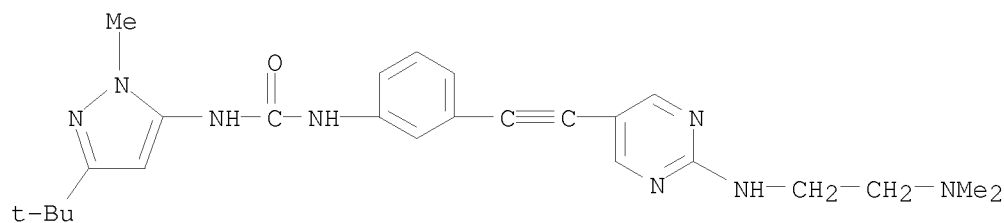
RN 857266-37-6 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]-N'-[3-[2-[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



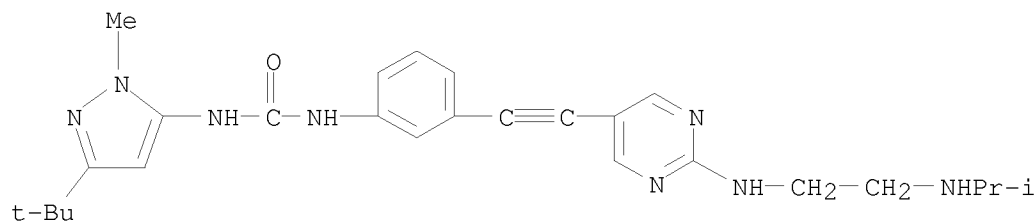
RN 857266-38-7 CAPLUS

CN Urea, N-[3-[2-[2-[[2-(dimethylamino)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]- (CA INDEX NAME)



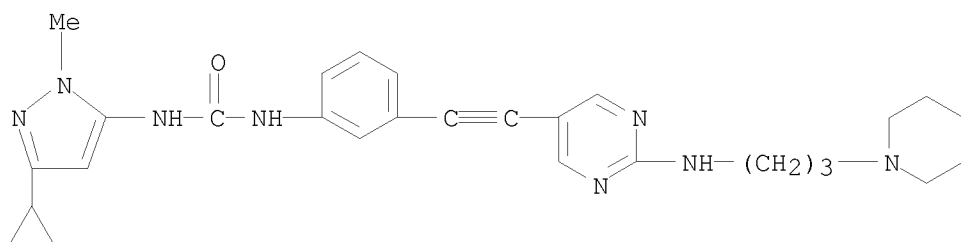
RN 857266-39-8 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]-N'-[3-[2-[2-[[2-[(1-methylethyl)amino]ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



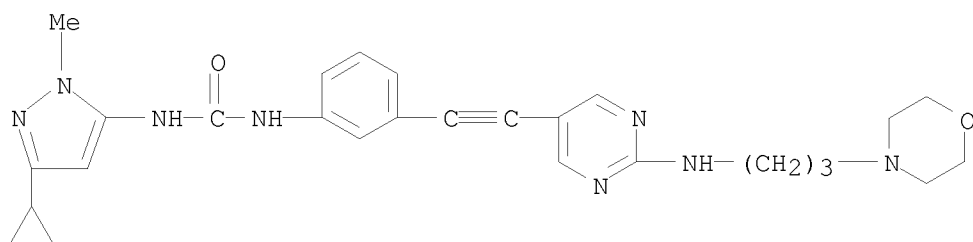
RN 857266-40-1 CAPLUS

CN Urea, N-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[2-[2-[[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



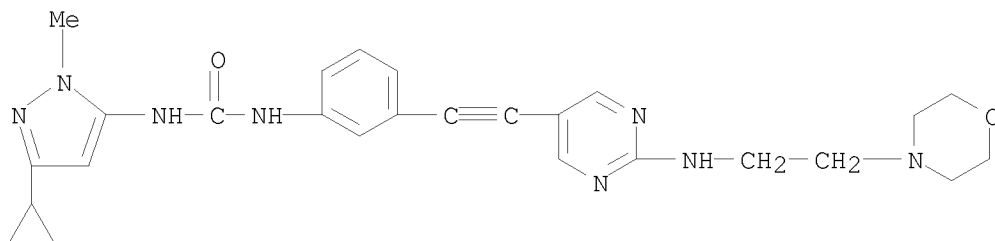
RN 857266-42-3 CAPLUS

CN Urea, N-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857266-43-4 CAPLUS

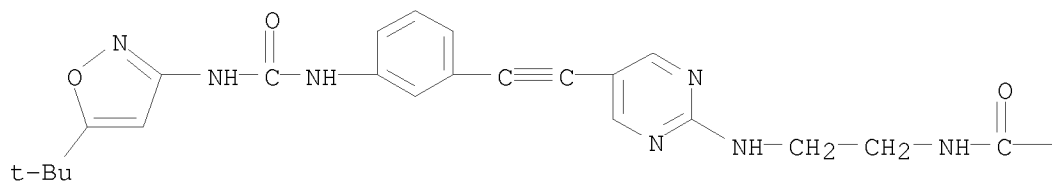
CN Urea, N-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[2-[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857266-44-5 CAPLUS

CN Acetamide, N-[2-[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-pyrimidinyl]amino]ethyl]-2-hydroxy- (CA INDEX NAME)

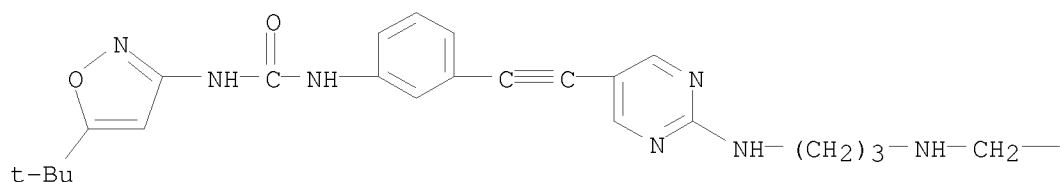
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—CH₂—OH

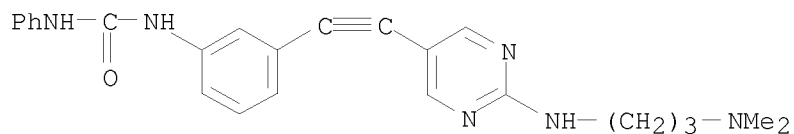
RN 857266-45-6 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[3-[(2-hydroxyethyl)amino]propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

—CH₂—OH

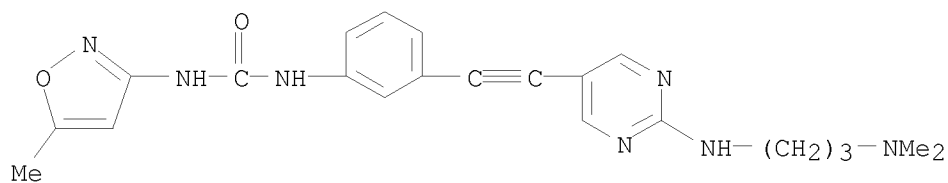
RN 857266-48-9 CAPLUS

CN Urea, N-[3-[2-[2-[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-phenyl- (CA INDEX NAME)



RN 857266-49-0 CAPLUS

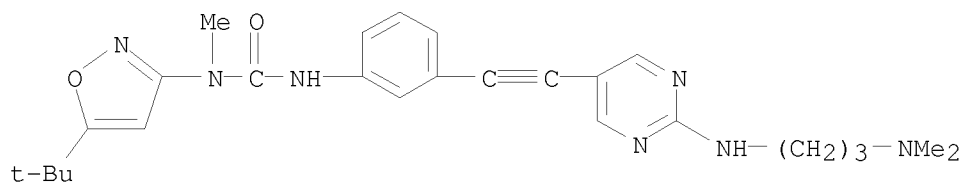
CN Urea, N-[3-[2-[2-[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-(5-methyl-3-isoxazolyl)- (CA INDEX NAME)



RN 857266-50-3 CAPLUS

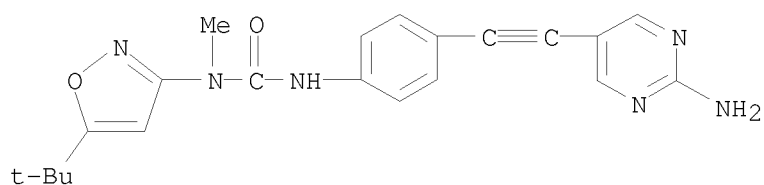
CN Urea, N'-[3-[2-[2-[3-(dimethylamino)propyl]amino]-5-

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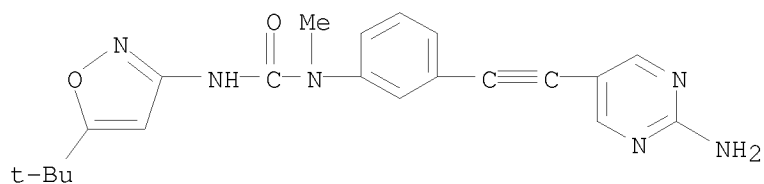
RN 857266-51-4 CAPLUS

CN Urea, N'-[4-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl- (CA INDEX NAME)



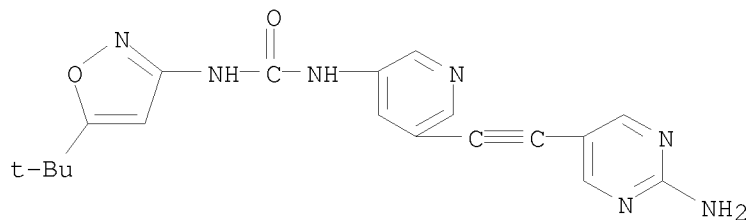
RN 857266-53-6 CAPLUS

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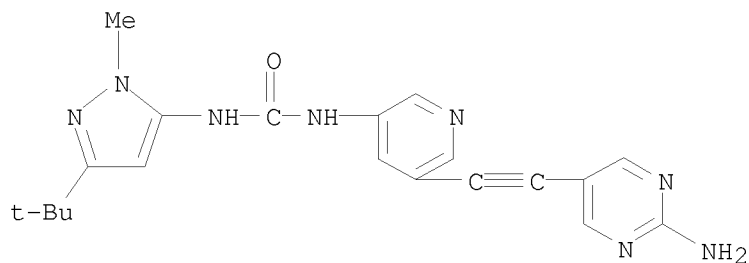
RN 857266-57-0 CAPLUS

CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-3-pyridinyl]-N'-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]- (CA INDEX NAME)



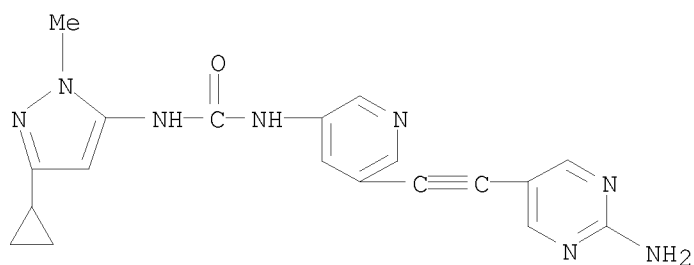
RN 857266-61-6 CAPLUS

CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-3-pyridinyl]-N'-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]- (CA INDEX NAME)



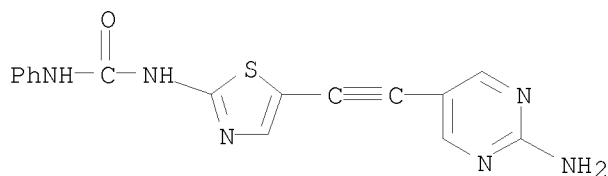
RN 857266-63-8 CAPLUS

CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-3-pyridinyl]-N'-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)- (CA INDEX NAME)



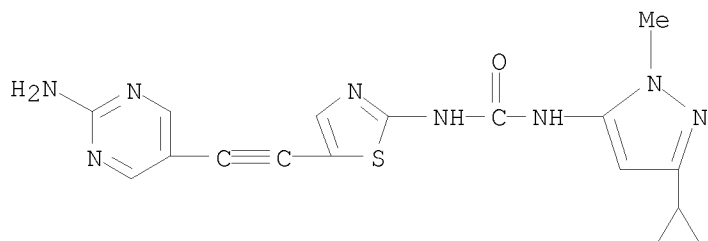
RN 857266-64-9 CAPLUS

CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-2-thiazolyl]-N'-phenyl- (CA INDEX NAME)



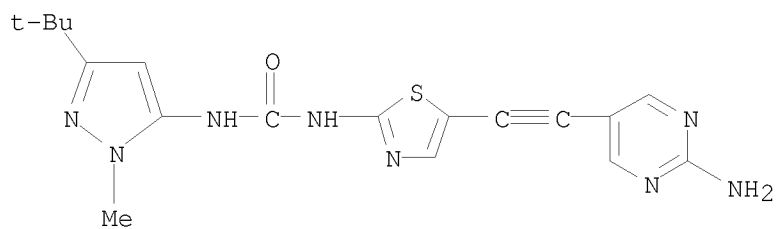
RN 857266-67-2 CAPLUS

CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-2-thiazolyl]-N'-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)- (CA INDEX NAME)



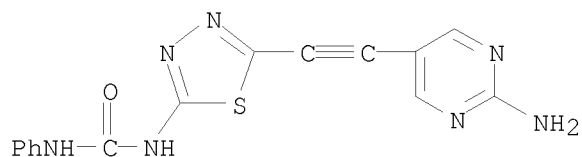
RN 857266-70-7 CAPLUS

CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-2-thiazolyl]-N'-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]- (CA INDEX NAME)



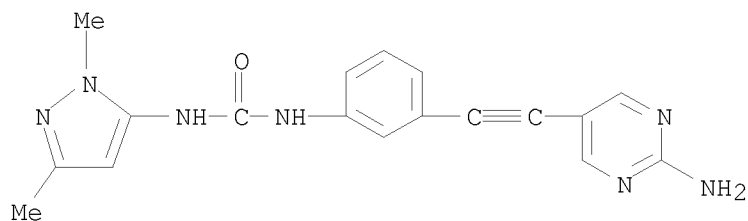
RN 857266-74-1 CAPLUS

CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-1,3,4-thiadiazol-2-yl]-N'-phenyl- (CA INDEX NAME)



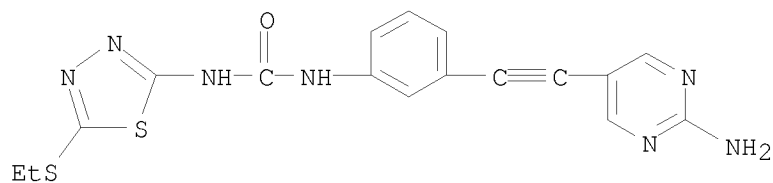
RN 857266-82-1 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-(1,3-dimethyl-1H-pyrazol-5-yl)- (CA INDEX NAME)



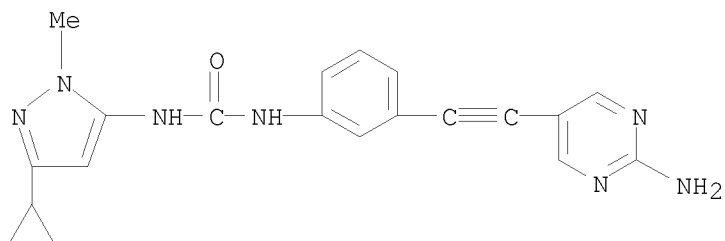
RN 857266-84-3 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[5-(ethylthio)-1,3,4-thiadiazol-2-yl]- (CA INDEX NAME)



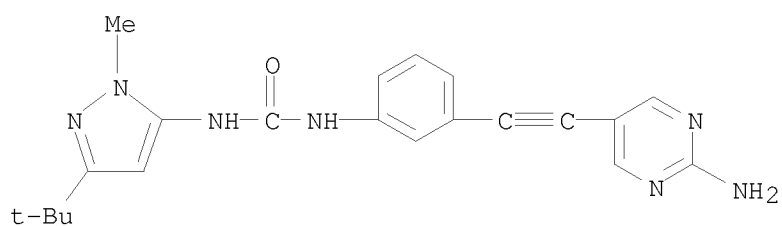
RN 857266-86-5 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)- (CA INDEX NAME)



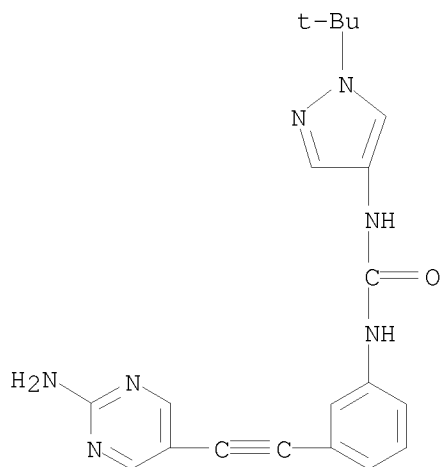
RN 857266-88-7 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]- (CA INDEX NAME)



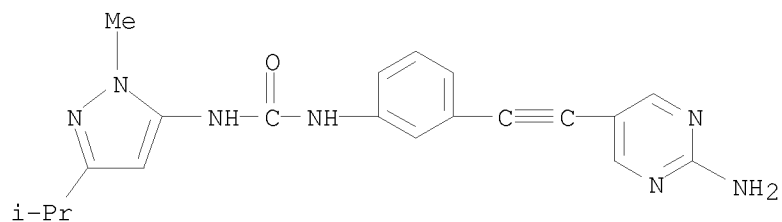
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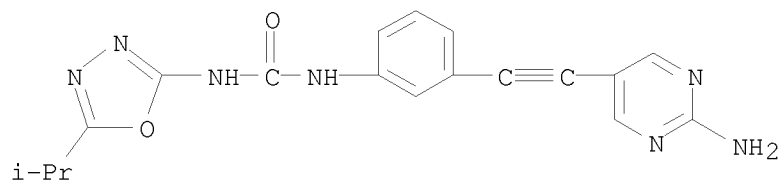
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CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[1-methyl-3-(1-methylethyl)-1H-pyrazol-5-yl]- (CA INDEX NAME)



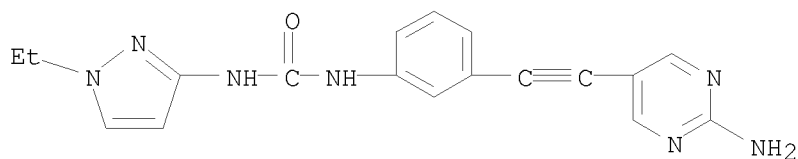
RN 857266-96-7 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-(5-(1-methylethyl)-1,3,4-oxadiazol-2-yl)- (CA INDEX NAME)



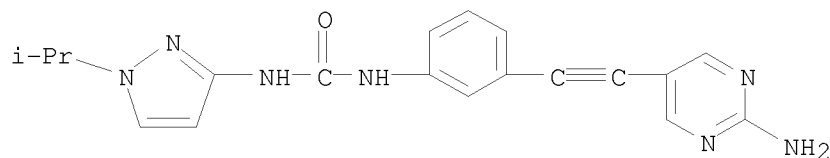
RN 857266-99-0 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-(1-ethyl-1H-pyrazol-3-yl)- (CA INDEX NAME)



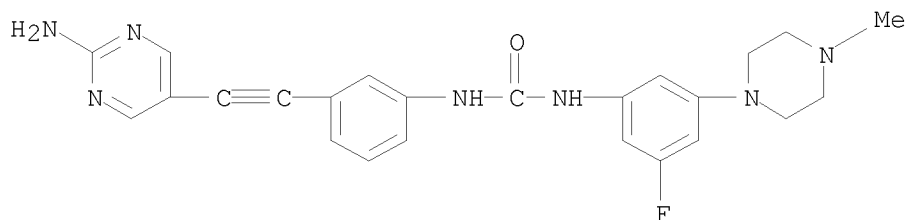
RN 857267-02-8 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-(1-(1-methylethyl)-1H-pyrazol-3-yl)- (CA INDEX NAME)



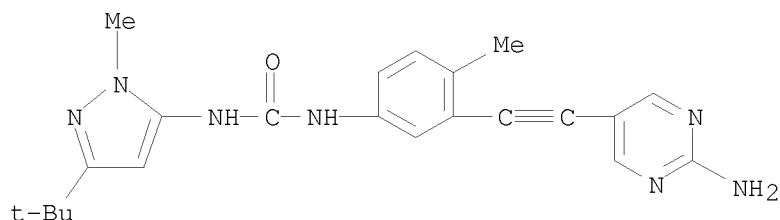
RN 857267-06-2 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3-fluoro-5-(4-methyl-1-piperazinyl)phenyl)- (CA INDEX NAME)



RN 857267-09-5 CAPLUS

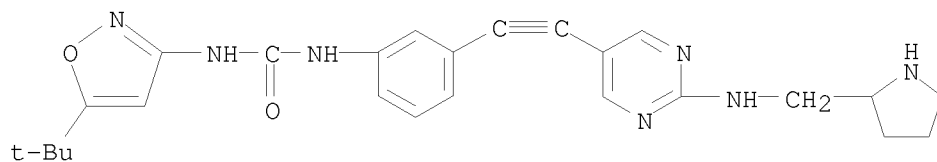
CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]-4-methylphenyl]-N'-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]- (CA INDEX NAME)



IT 857266-23-0P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-
 [[(pyrrolidin-2-yl)methyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea
 857266-24-1P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[1-(tert-
 butoxycarbonyl)pyrrolidin-2-yl]methyl]amino]pyrimidin-5-
 yl]ethynyl]phenyl]urea 857266-52-5P, Phenyl [4-[(2-
 aminopyrimidin-5-yl)ethynyl]phenyl]carbamate
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of pyrimidine derivs. as inhibitors of Tie2 receptor tyrosine
 kinases)

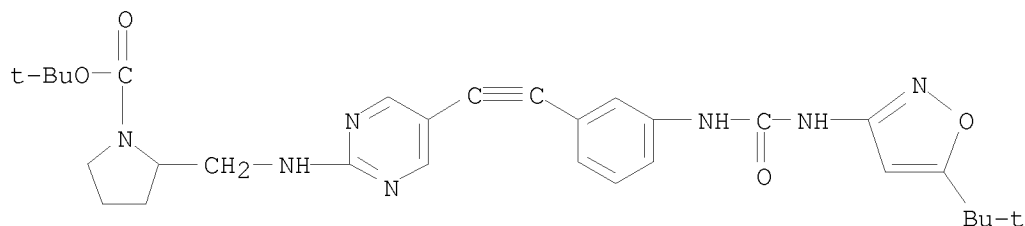
RN 857266-23-0 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[(2-pyrrolidinylmethyl)amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

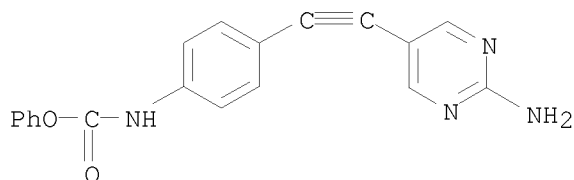


RN 857266-24-1 CAPLUS

CN 1-Pyrrolidinecarboxylic acid, 2-[[[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-pyrimidinyl]amino]methyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 857266-52-5 CAPLUS
 CN Carbamic acid, [4-[(2-amino-5-pyrimidinyl)ethynyl]phenyl]-, phenyl ester
 (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:381241 CAPLUS

DOCUMENT NUMBER: 144:432828

TITLE: Heteroaryl-substituted alkyne compounds as protein
 kinase inhibitors, their preparation, pharmaceutical
 compositions, and use in therapy

INVENTOR(S): Chaffee, Stuart C.; Albrecht, Brian K.; Hodous, Brian
 L.; Martin, Matthew W.; McGowan, David C.; Dimauro,
 Erin F.; Reddy, Gade; Cee, Victor J.; Olivieri, Philip
 R.; Reed, Anthony; Romero, Karina

PATENT ASSIGNEE(S): Amgen Inc., USA

SOURCE: PCT Int. Appl., 330 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006044823	A2	20060427	WO 2005-US37299	20051017
WO 2006044823	A3	20060615		
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RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,			

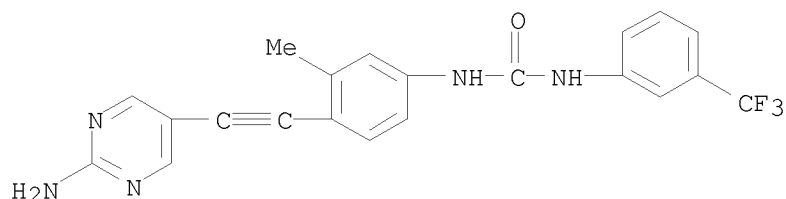
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 US 20060217380 A1 20060928 US 2005-251490 20051014
 AU 2005295414 A1 20060427 AU 2005-295414 20051017
 CA 2583907 A1 20060427 CA 2005-2583907 20051017
 EP 1802586 A2 20070704 EP 2005-812237 20051017
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL,
 BA, HR, MK, YU
 PRIORITY APPLN. INFO.: US 2004-620100P P 20041018
 US 2005-251490 A 20051014
 WO 2005-US37299 W 20051017
 OTHER SOURCE(S): MARPAT 144:432828
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

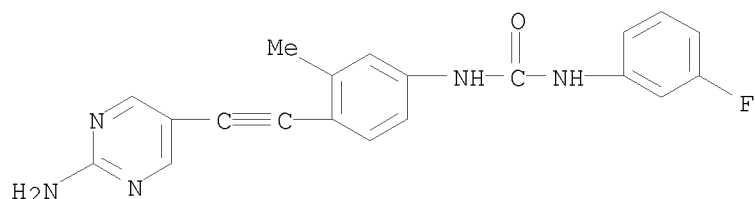
AB The invention relates to heteroaryl-substituted alkynes of formula I, which are protein kinase modulators. In compds. I, W, X, Y, and Z are independently selected from N and (un)substituted C; R1 is (un)substituted amino, acyl, acyloxy, carboxylate, carbamoyl, thiocarbamoyl, etc.; and R2 is 5- to 8-membered monocyclic, 6- to 12-membered bicyclic, or 7- to 14-membered tricyclic ring system, optionally including 1-3 heteroatoms selected from O, N, and S; including stereoisomers, tautomers, solvates, salts, derivs., and prodrugs thereof. The invention also relates to the preparation of I, pharmaceutical compns. comprising a compound I and a pharmaceutically acceptable carrier, as well as to the use of the compns. for the prophylaxis and treatment of protein kinase-mediated diseases, including inflammation, cancer and related conditions. Chlorination of 3-iodo-4-methylbenzoic acid and amidation with 3-trifluoromethylaniline gave benzamide II, which underwent coupling with 2-amino-5-ethynylpyrimidine (preparation from 2-amino-5-iodopyrimidine and trimethylsilylacetylene is given) to give pyrimidinylalkyne III. Several compds. of the invention, e.g., III, express IC50 values of less than or equal to 10 μ M both for Tie-2 and Lck kinase.

IT 884602-98-6P, N-[4-[2-(2-Aminopyrimidin-5-yl)ethynyl]-3-methylphenyl]-N'-[3-(trifluoromethyl)phenyl]urea 884603-00-3P
 884604-13-1P, N-[3-Methyl-4-[[4-[[2-(methyloxy)phenyl]oxy]-2-[[4-(4-methyl-1-piperazinyl)phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[3-(trifluoromethyl)phenyl]urea
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (drug candidate; preparation of heteroaryl-substituted alkynes as protein kinase modulators)

RN 884602-98-6 CAPLUS
 CN Urea, N-[4-[2-(2-amino-5-pyrimidinyl)ethynyl]-3-methylphenyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

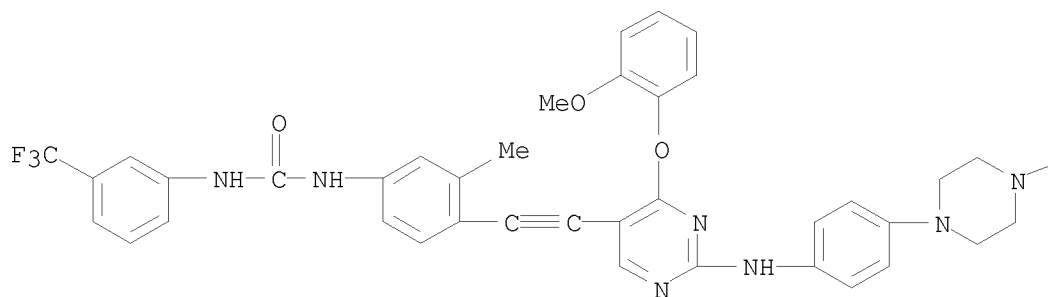


RN 884603-00-3 CAPLUS
CN Urea, N-[4-[2-(2-amino-5-pyrimidinyl)ethynyl]-3-methylphenyl]-N'-(3-fluorophenyl)- (CA INDEX NAME)



RN 884604-13-1 CAPLUS
CN Urea, N-[4-[2-[4-(2-methoxyphenoxy)-2-[[4-(4-methyl-1-piperazinyl)phenyl]amino]-5-pyrimidinyl]ethynyl]-3-methylphenyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

PAGE 1-A



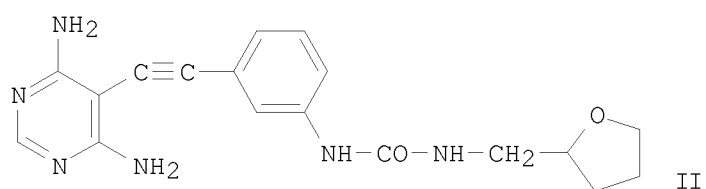
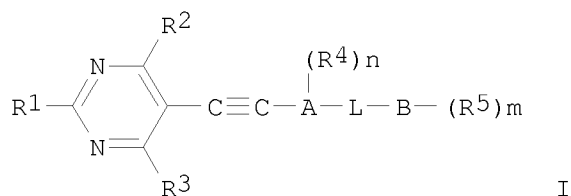
PAGE 1-B

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L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:790854 CAPLUS
DOCUMENT NUMBER: 145:230644
TITLE: Preparation of pyrimidine derivatives and their use as Tie2 receptor tyrosine kinase inhibitors
INVENTOR(S): Jones, Clifford David; Luke, Richard William Arthur; Mccoull, William
PATENT ASSIGNEE(S): Astrazeneca AB, Swed.; Astrazeneca Uk Limited
SOURCE: PCT Int. Appl., 168pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

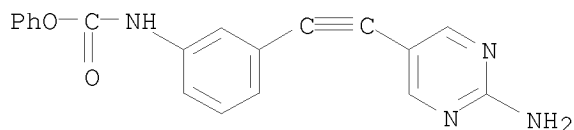
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006082373	A1	20060810	WO 2006-GB284	20060127
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RW:			AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	
EP 1863805	A1	20071212	EP 2006-701245	20060127
R:			AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR	
JP 2008528663	T	20080731	JP 2007-553683	20060127
IN 2007DN05604	A	20070817	IN 2007-DN5604	20070719
CN 101137652	A	20080305	CN 2006-80007855	20070911
PRIORITY APPLN. INFO.:			GB 2005-1984	A 20050201
			GB 2005-2417	A 20050205
			GB 2005-12614	A 20050621
			WO 2006-GB284	W 20060127
OTHER SOURCE(S):		MARPAT 145:230644		
GI				



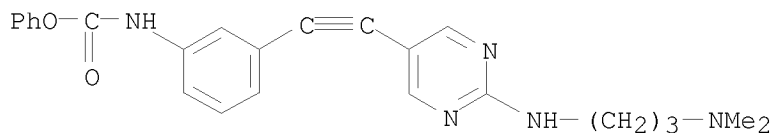
AB Substituted pyrimidine derivs. I, wherein R1 is an (un)substituted amine, (un)substituted 3-7 membered heterocyclic ring; R2 and R3 are H, (un)substituted alkyl, (un)substituted alkoxy; A is a 5 or 6 membered heteroaryl ring; R4 is halo, cyano, alkoxy, cyclopropyl, alkyl, where the alkoxy or alkyl groups are optionally substituted by cyano or 1 or more fluoro groups; L is meta or para attached by an (un)substituted amide, (un)substituted amine, alkyl group; B is a cycloalkyl, heterocyclic ring, aryl, heteroaryl, bicyclic ring; R5 is a halo, hydroxyl, amino, alkylamino, cyano, cycloalkyl ring, an (un)substituted 3 to 7 membered heterocyclic ring; m and n are 0-3 are prepared and used as medicaments and in the production of an anti-angiogenic effect in a warm blooded animal. Thus, II was prepared and tested as an in vitro inhibitor of the Tie2 receptor tyrosine kinase and in the inhibition of autophosphorylation of Tie2 receptor tyrosine kinase (IC50 are 1.5 and 1.9 μ M resp.).

Further, I can be used in the treatment of cancer and as antineoplastic prodrugs.

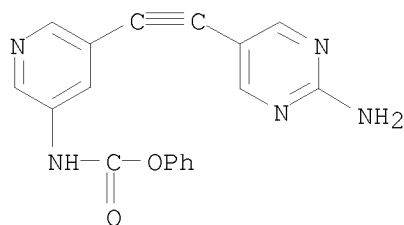
IT 857265-17-9P, Phenyl[3-[(2-aminopyrimidin-5-yl)ethynyl]phenyl]carbamate 857266-46-7P, Phenyl 3-[[2-[[3-(dimethylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenylcarbamate 905439-39-6P 905439-44-3P 905439-48-7P 905439-61-4P 905439-64-7P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of pyrimidine derivs. and their use as Tie2 receptor tyrosine kinase inhibitors)
 RN 857265-17-9 CAPLUS
 CN Carbamic acid, [3-[(2-amino-5-pyrimidinyl)ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



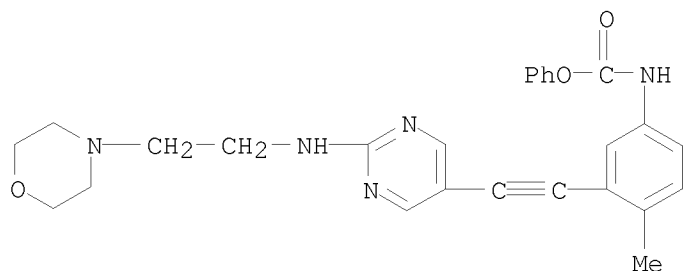
RN 857266-46-7 CAPLUS
 CN Carbamic acid, [3-[[2-[[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



RN 905439-39-6 CAPLUS
 CN Carbamic acid, [5-[(2-amino-5-pyrimidinyl)ethynyl]-3-pyridinyl]-, phenyl ester (9CI) (CA INDEX NAME)

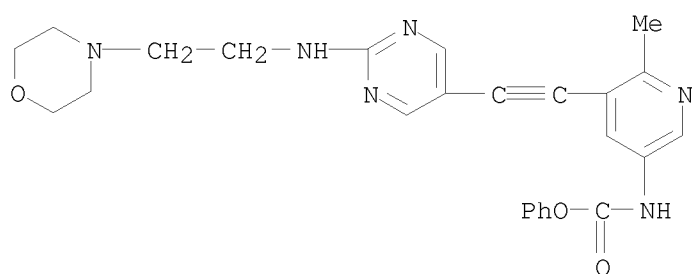


RN 905439-44-3 CAPLUS
 CN Carbamic acid, [4-methyl-3-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



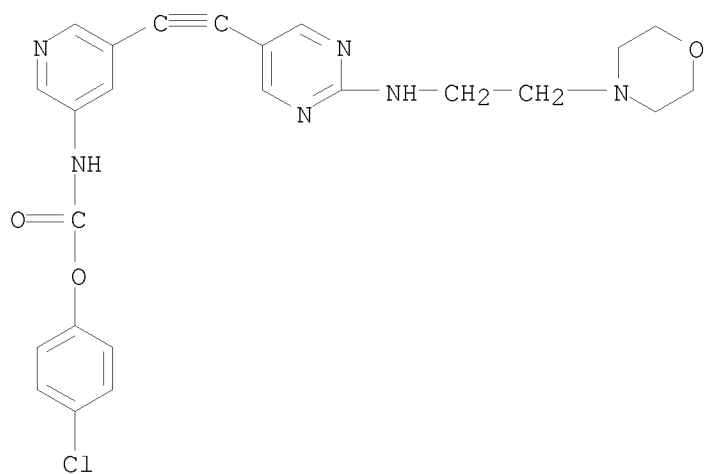
RN 905439-48-7 CAPLUS

CN Carbamic acid, [6-methyl-5-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]-3-pyridinyl]-, phenyl ester (9CI) (CA INDEX NAME)



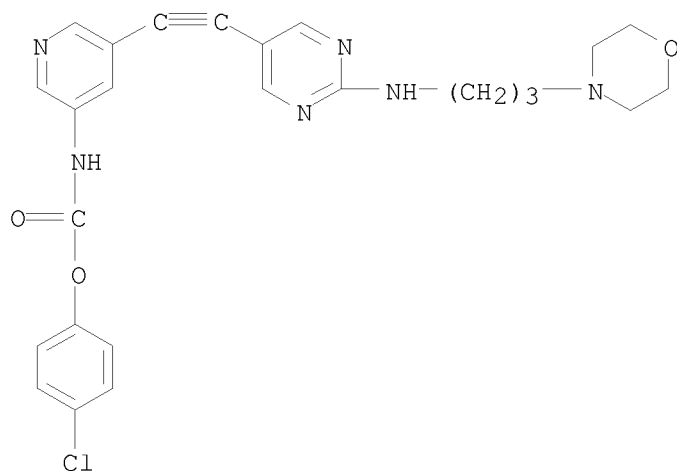
RN 905439-61-4 CAPLUS

CN Carbamic acid, [5-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]-3-pyridinyl]-, 4-chlorophenyl ester (9CI) (CA INDEX NAME)



RN 905439-64-7 CAPLUS

CN Carbamic acid, [5-[[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]-3-pyridinyl]-, 4-chlorophenyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

19.23

197.80

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-2.40

-2.40

STN INTERNATIONAL LOGOFF AT 14:39:21 ON 03 SEP 2008